Derek Maheux Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508)649-3407
Dmaheux@clinellc.com

November 1, 2023

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification // Site: MADISON 2 CT (ATC: 302540)
8 Old Route 79 Madison, CT 06443
N 41.286099 // W -72.601676

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains fifteen (15) antenna at the 140-ft level on the existing 148ft Tower, located at 8 Old Route 79, Maddison, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of two (2) interference mitigation filters on Verizon Wireless existing antenna platform and mounting assembly.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Bethany's Chief Elected Official and Land Use Officer.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated October 17, 2023, by A.T Engineering Services, LLC, a structural analysis dated October 11, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated July 24, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated October 10, 2023, by Tower Engineering Professionals.

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis and a structural mount analysis, pursuant to certain conditions defined therein. Design and engineering are fully illustrated within final construction drawings.

For the foregoing reasons, Verizon Wireless respectfully submits that the proposed modifications to the above referenced telecommunications facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Derek Maheux

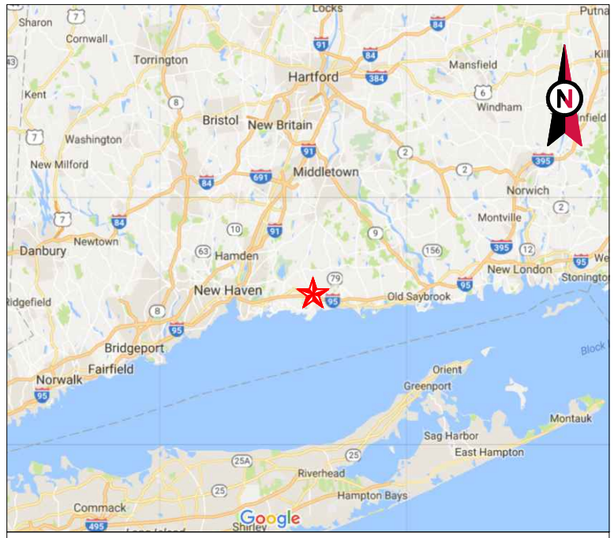
_____

Derek Maheux, Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508) 649 2307
Dmaheux@clinellc.com

Attachments:
Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: Peggy Lyons – First Selectwoman – Chief Elected Official
Erin Mannix – Town Planner - as P&Z official
American Tower Corporation - as tower owner and ground owner

EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: MADISON CT 6
ATC SITE NUMBER: 302540
VERIZON SITE NAME: MADISON 2 CT
VERIZON SITE NUMBER: 5000124943
VERIZON FUZE PID: N/A
SITE ADDRESS: 8 OLD 79
MADISON,CT 06443

LOCATION MAP

VERIZON AMENDMENT DRAWINGS

COMPLIANCE CODE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. 2020 NFPA 70, NATIONAL ELECTRIC CODE (NEC)
2. 2022 CONNECTICUT STATE BUILDING CODE
3. 2021 INTERNATIONAL BUILDING CODE (IBC)

DESIGN CRITERIA FROM TOWER STRUCTUAL ANALYSIS:

BASIC WIND SPEED:	123 MPH (3-SECOND GUST)
BASIC WIND SPEED W/ ICE:	50 MPH (3-SECOND GUST) W/ 1.00" RADIAL ICE CONCURRENT
CODE(S):	ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE
EXPOSURE CATEGORY:	B
RISK CATEGORY:	II
TOPO FACTOR PROCEDURE:	METHOD 1
TOPOGRAPHIC CATEGORY:	1
SPECTRAL RESPONSE:	S_S=0.21, S_1=0.05
SITE CLASS:	D - STIFF SOIL - DEFAULT

INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 10/11/23.

UTILITY COMPANIES

POWER COMPANY: EVERSOURCE
PHONE: (877) 659-6326

TELEPHONE COMPANY: FRONTIER COMMUNICATIONS
PHONE: (800) 376-6843

811 Know what's below. Call before you dig.

PROJECT SUMMARY

SITE ADDRESS:

8 OLD 79
MADISON,CT 06443
COUNTY: NEW HAVEN

GEOGRAPHIC COORDINATES:

LATITUDE: 41° 17' 7.979" N
LONGITUDE: 72° 36' 4.880" W
GROUND ELEVATION: 30' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

ATC TOWER SERVICES, LLC
3500 REGENCY PKWY STE 100
CARY, NC 27518

PROPERTY OWNER:

MADISON CT
8 OLD 79
MADISON,CT 06443

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

INSTALL (1) SWIVEL MOUNT(s) AND (2) FILTER(s)

EXISTING (15) ANTENNA(s), (6) RRH(s), (3) DIPLEXER(s), (1) OVP(s), (10) 1-5/8" COAX AND (2) 1-1/4" HYBRIFLEX CABLE(s) TO REMAIN

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

PROJECT LOCATION DIRECTIONS

FROM NEW LONDON - TAKE I95 SOUTH TO EXIT 61 . TAKE LEFT AT OFF RAMP AND LEFT AT FIRST SET OF LIGHTS.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	10/17/2023	LLR
G-002	GENERAL NOTES	0	10/17/2023	LLR
C-101	DETAILED SITE PLAN	0	10/17/2023	LLR
C-201	TOWER ELEVATION	0	10/17/2023	LLR
C-401	ANTENNA INFORMATION & SCHEDULE	0	10/17/2023	LLR
C-501	CONSTRUCTION DETAILS	0	10/17/2023	LLR
E-501	GROUNDING DETAILS	0	10/17/2023	LLR
R-601	SUPPLEMENTAL			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10207605
VZW LOCATION CODE (PSLC):	5000124943

***PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED:	NO
VZW APPROVED SMART KIT VENDORS:	REFER TO MOUNT MODIFICATION DRAWINGS PAGES FOR VZW SMART KIT APPROVED VENDORS

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	LLR	10/17/2023

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302540
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MADISON CT 6
VERIZON SITE NAME:
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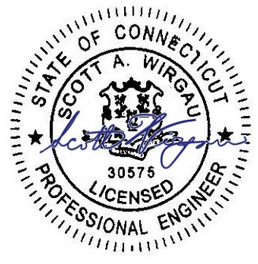

verizon

ATC JOB NO:	14519448_G0
CUSTOMER ID:	MADISON 2 CT
CUSTOMER #:	5000124943

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
   - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   - B. AC/TELCO INTERFACE BOX (PPC)
   - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   - D. TOWERS, MONOPOLES
   - E. TOWER LIGHTING
   - F. GENERATORS & LIQUID PROPANE TANK
   - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   - H. ANTENNAS (INSTALLED BY OTHERS)
   - I. TRANSMISSION LINE
   - J. TRANSMISSION LINE JUMPERS
   - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   - L. TRANSMISSION LINE GROUND KITS
   - M. HANGERS
   - N. HOISTING GRIPS
   - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. WHEN THE PROJECT SCOPE REQUIRES THE USE OF THE SAFETY CLIMB, THE GENERAL CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS FREE OF OBSTRUCTIONS, NOT RUBBING ON OR TRAPPED BY ANY INSTALLED CUSTOMER EQUIPMENT, IS VISUALLY TAUT, MEETS MANUFACTURER INSTALLATION SPECIFICATIONS, AND IS FIRMLY SECURED AT ALL CABLE GUIDE LOCATIONS UPON PROJECT COMPLETION.
29. COMPLETION OF PROJECT SHALL NOT OBSTRUCT, TRAP, LOOSEN, OR OTHERWISE CAUSE FAILURE TO MEET MANUFACTURER INSTALLATION REQUIREMENTS FOR THE SAFETY CLIMB.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
31. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
32. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
33. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
34. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
35. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
   - A. ANTENNA AND COAXIAL/HYBRID CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.
   - B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND VERIZON SPECIFICATIONS.
   - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
   - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
   - E. INSTALL COAXIAL/HYBRID CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL/HYBRID CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
2. ANTENNA AND COAXIAL/HYBRID CABLE GROUNDING:
   - A. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
   - B. ALL COAXIAL/HYBRID CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL/HYBRID CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	LLR	10/17/2023

ATC SITE NUMBER:
302540
ATC SITE NAME:
MADISON CT 6
VERIZON SITE NAME:
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SITE ADDRESS:
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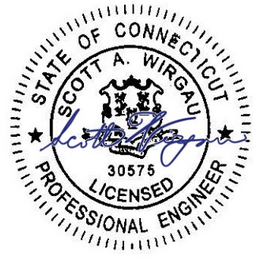
MADISON,CT 06443

SEAL:



Digitally Signed: 2023-10-18

verizon

ATC JOB NO:	14519448_G0
CUSTOMER ID:	MADISON 2 CT
CUSTOMER #:	5000124943

GENERAL NOTES

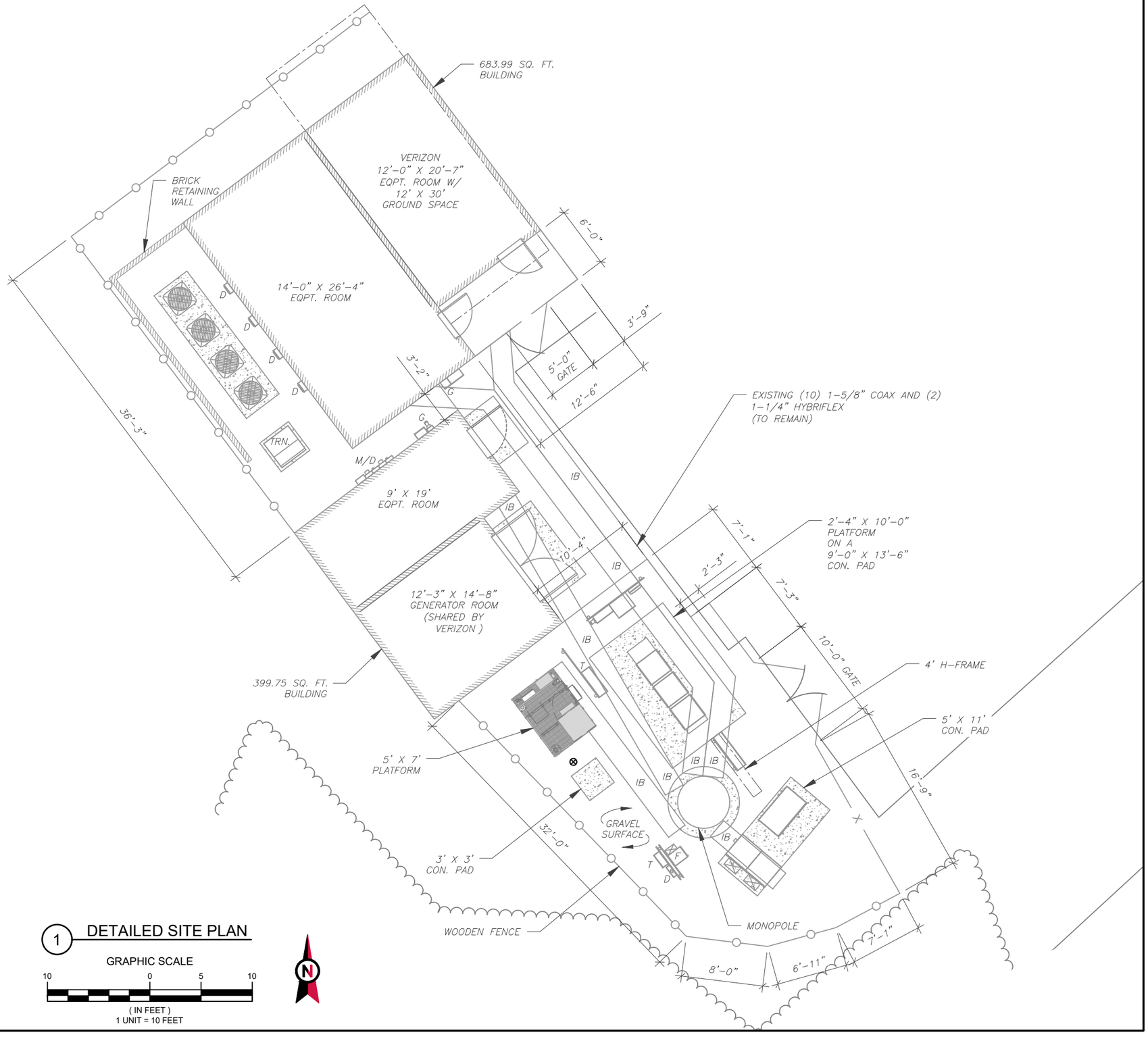
SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY DISCREPANCIES THAT COULD AFFECT THE SCOPE OF WORK OF THIS PROJECT.

2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR AND/OR SURVEYOR AS REQUIRED SHALL VERIFY THAT THE COMPONENTS MEET THE MINIMUM REQUIREMENTS OF ATC SPECIFICATIONS.

3. THIS PROJECT DOES NOT INCLUDE ANY EXCAVATION OR GRADING FOR THIS PROJECT.



LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACLE
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
———	CHAINLINK FENCE

1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

N

AMERICAN TOWER®
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3500 REGENCY PARKWAY
SUITE 100
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PHONE: (919) 468-0112
PEC.0001553

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0	FOR CONSTRUCTION	LLR	10/17/2023

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SITE ADDRESS:
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MADISON,CT 06443

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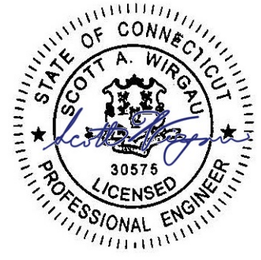


Digitally Signed: 2023-10-18

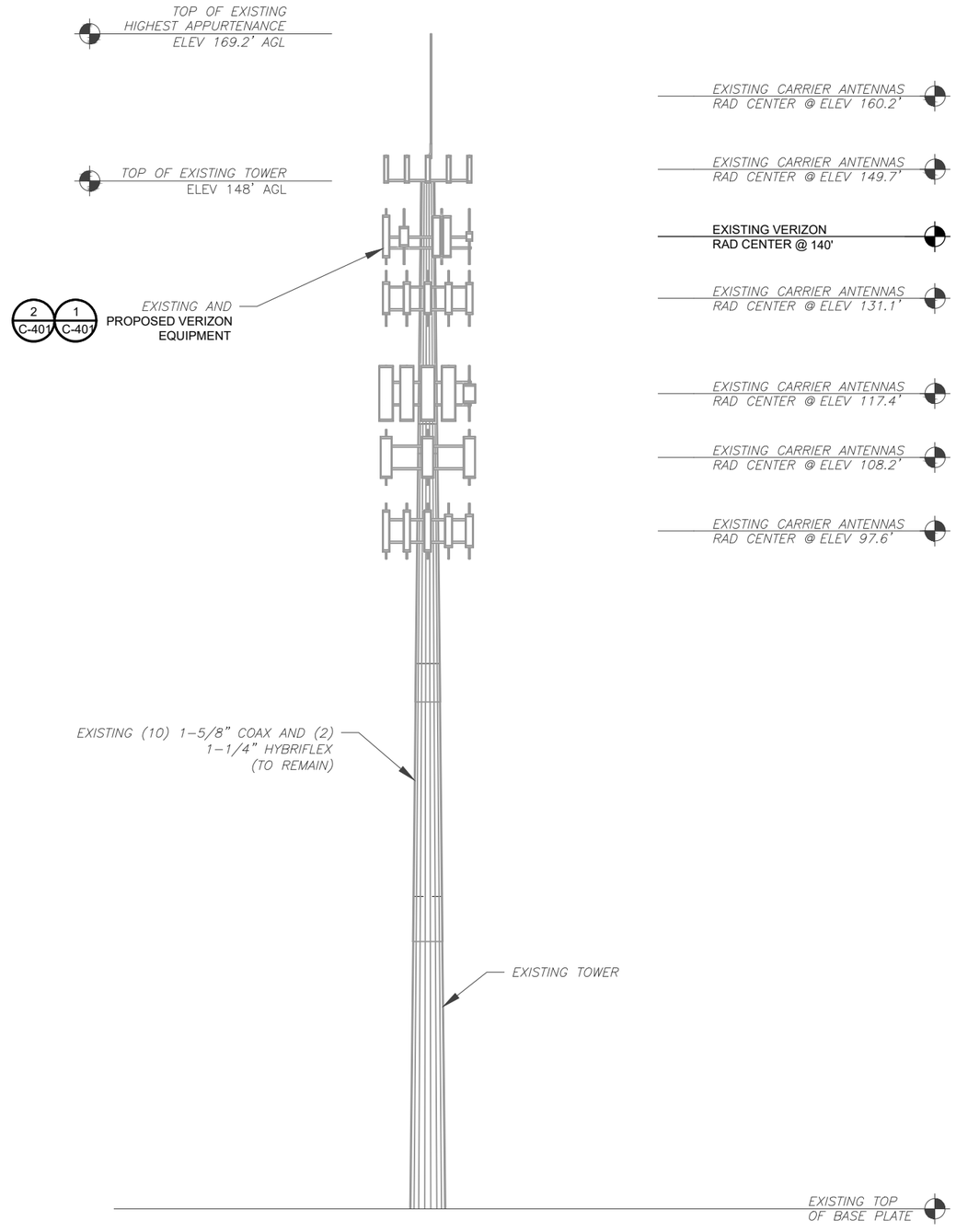
verizon

ATC JOB NO:	14519448_G0
CUSTOMER ID:	MADISON 2 CT
CUSTOMER #:	5000124943

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN CT, P.C, DATED 07/24/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



1 TOWER ELEVATION
SCALE: N.T.S.

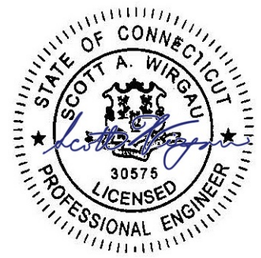
TOWER NOTE:
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
4. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	LLR	10/17/2023

ATC SITE NUMBER:
302540
ATC SITE NAME:
MADISON CT 6
VERIZON SITE NAME:
MADISON 2 CT
SITE ADDRESS:
8 OLD 79
MADISON,CT 06443

SEAL:



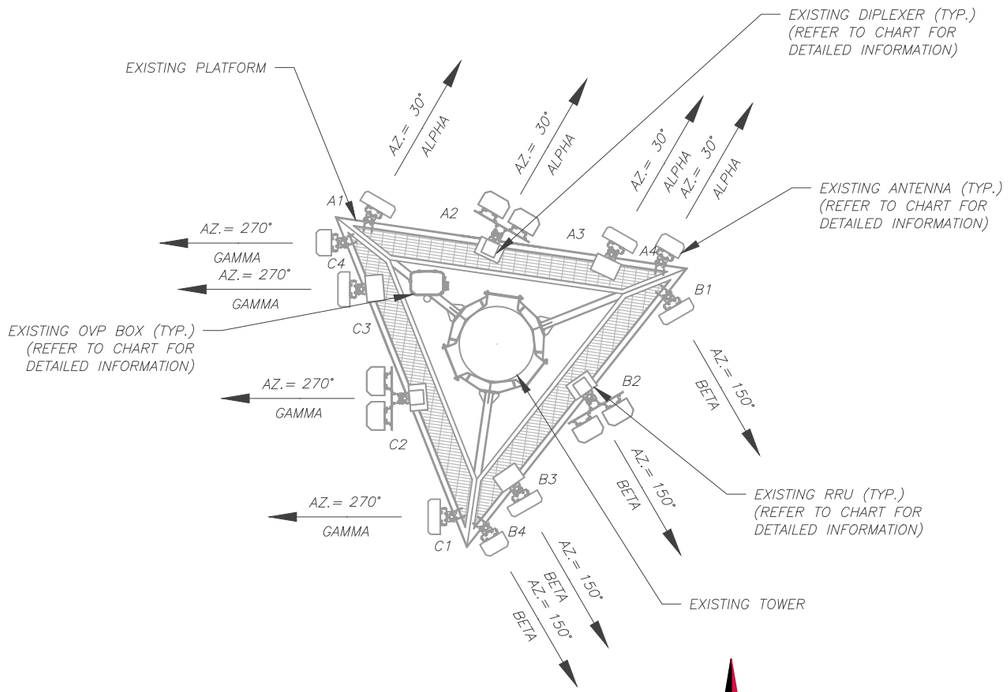
Digitally Signed: 2023-10-18

verizon

ATC JOB NO:	14519448_G0
CUSTOMER ID:	MADISON 2 CT
CUSTOMER #:	5000124943

TOWER ELEVATION

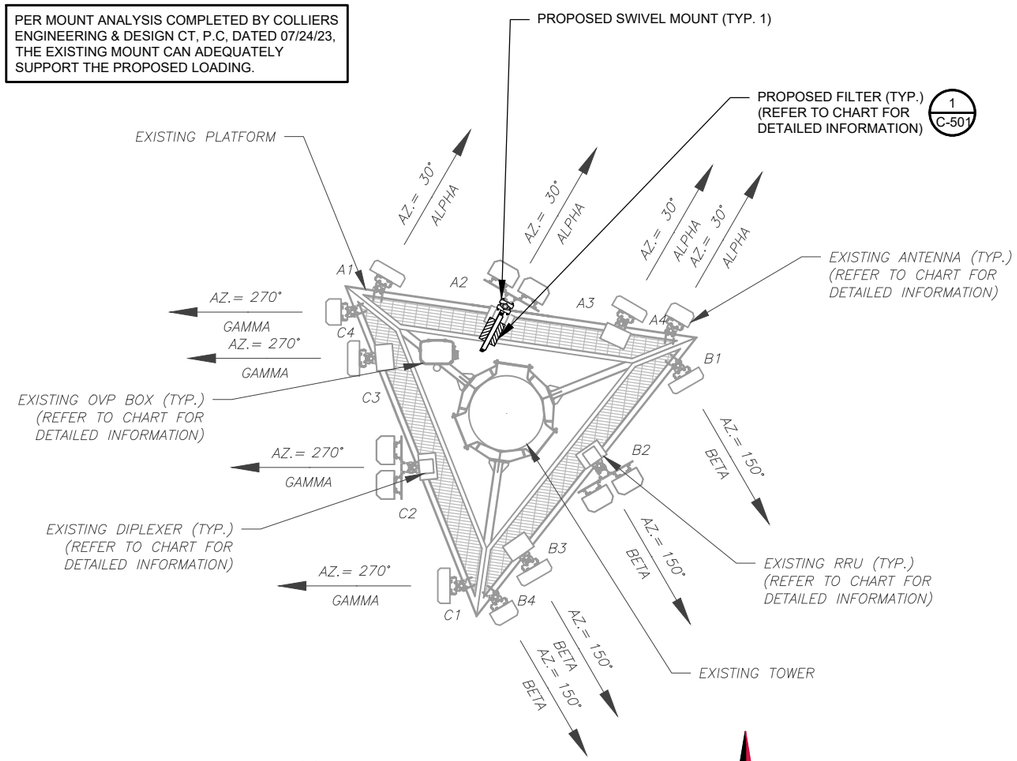
SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN CT, P.C, DATED 07/24/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	140'	30°	A1	XXDWMM-12.5-65-8T-CBRS	–	RMN	–	–
			A2	(2) JAHH-65B-R3B	–	RMN	B2/B66A RRH-BR049 CBC78T-DS-43-2X	RMN RMN
			A3	MT6407-77A	–	RMN	B5/B13 RRH-BR04C	RMN
			A4	LNX-8513DS-A1M	–	RMN	–	–
BETA	140'	150°	B1	XXDWMM-12.5-65-8T-CBRS	–	RMN	–	–
			B2	(2) JAHH-65B-R3B	–	RMN	B2/B66A RRH-BR049 CBC78T-DS-43-2X	RMN RMN
			B3	MT6407-77A	–	RMN	B5/B13 RRH-BR04C	RMN
			B4	LNX-8513DS-A1M	–	RMN	–	–
GAMMA	140'	270°	C1	XXDWMM-12.5-65-8T-CBRS	–	RMN	–	–
			C2	(2) JAHH-65B-R3B	–	RMN	B2/B66A RRH-BR049 CBC78T-DS-43-2X	RMN RMN
			C3	MT6407-77A	–	RMN	B5/B13 RRH-BR04C	RMN
			C4	LNX-6514DS-A1M	–	RMN	–	–

NOTES

1. CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	140'	30°	A1	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-
			A2	(2) JAHH-65B-R3B	-	RMN	(2) KA-6030 B2/B66A RRH-BR049 CBC78T-DS-43-2X	ADD RMN RMN
			A3	MT6407-77A	-	RMN	B5/B13 RRH-BR04C	RMN
			A4	LNX-8513DS-A1M	-	RMN	-	-
BETA	140'	150°	B1	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-
			B2	(2) JAHH-65B-R3B	-	RMN	B2/B66A RRH-BR049 CBC78T-DS-43-2X	RMN RMN
			B3	MT6407-77A	-	RMN	B5/B13 RRH-BR04C	RMN
			B4	LNX-8513DS-A1M	-	RMN	-	-
GAMMA	140'	270°	C1	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-
			C2	(2) JAHH-65B-R3B	-	RMN	B2/B66A RRH-BR049 CBC78T-DS-43-2X	RMN RMN
			C3	MT6407-77A	-	RMN	B5/B13 RRH-BR04C	RMN
			C4	LNX-6514DS-A1M	-	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
DB-C1-12C-24AB-0Z	RMN	(10) 1-5/8" COAX AND (2) 1-1/4" HYBRIFLEX	RMN
–	RMV	----	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
DB-C1-12C-24AB-0Z	RMN	(10) 1-5/8" COAX AND (2) 1-1/4" HYBRIFLEX	RMN
-	ADD	----	ADD

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PHONE: (919) 468-0112
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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	LLR	10/17/2023

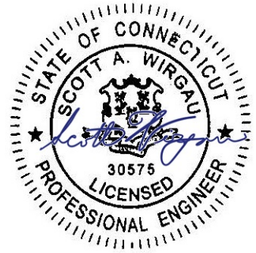
ATC SITE NUMBER:
302540

ATC SITE NAME:
MADISON CT 6

VERIZON SITE NAME:
MADISON 2 CT

SITE ADDRESS:
8 OLD 79
MADISON,CT 06443

SEAL:



Digitally Signed: 2023-10-18

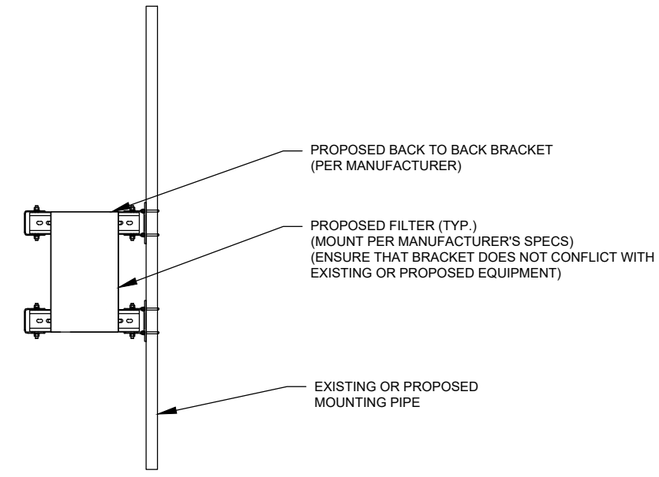
verizon

ATC JOB NO:	14519448_G0
CUSTOMER ID:	MADISON 2 CT
CUSTOMER #:	5000124943

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0

EXISTING/PROPOSED MOUNTS AND/OR MOUNT MODIFICATIONS NOT SHOWN FOR CLARITY. REFER TO ANTENNA PLANS, MOUNT ANALYSES AND/OR MOUNT MODIFICATION DOCUMENTS FOR ADDITIONAL DETAIL.



1 PROPOSED FILTER MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.

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0	FOR CONSTRUCTION	LLR	10/17/2023

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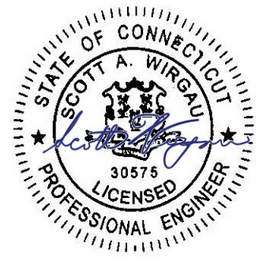
SEAL:



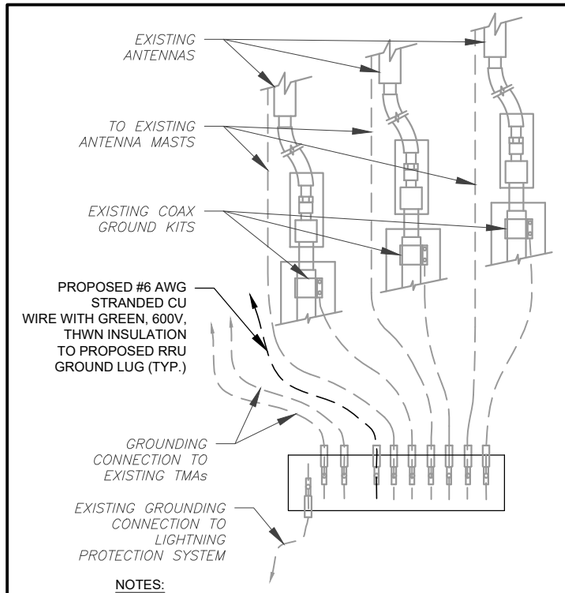
Digitally Signed: 2023-10-18

verizon

ATC JOB NO:	14519448_G0
CUSTOMER ID:	MADISON 2 CT
CUSTOMER #:	5000124943

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

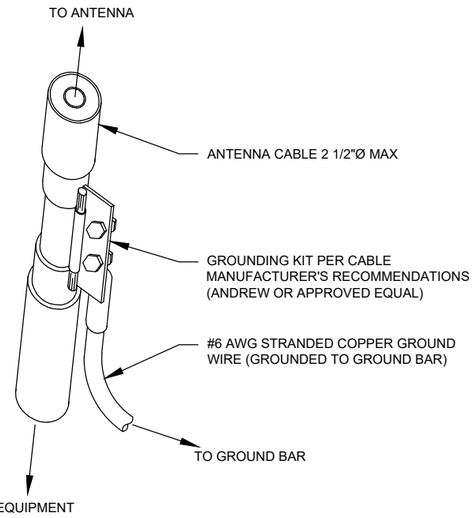


NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

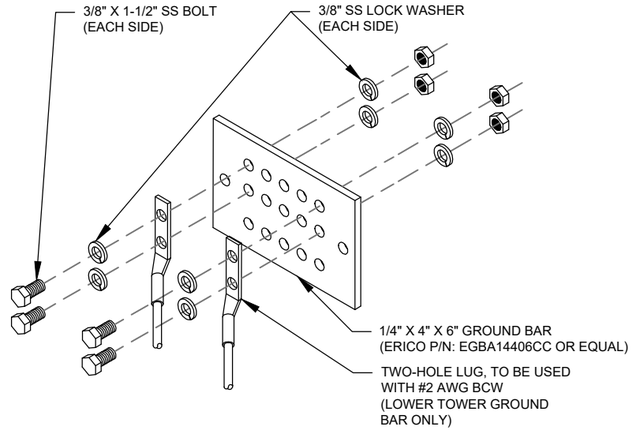


GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.



GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

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PHONE: (919) 468-0112
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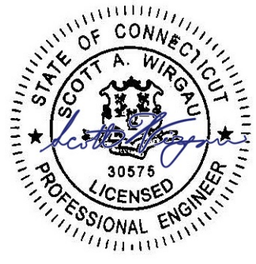


Digitally Signed: 2023-10-18

verizon

ATC JOB NO:	14519448_G0
CUSTOMER ID:	MADISON 2 CT
CUSTOMER #:	5000124943

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

Colliers Engineering & Design CT, P.C
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207605
Colliers Engineering & Design CT, P.C. Project #: 23777179

July 24, 2023

Site Information	*Site ID:*	*5000124943-VZW / MADISON 2 CT*
	Site Name:	*MADISON 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*8 Meeting House Lane* *Madison, Connecticut 06443* *New Haven County*
	Latitude:	*41.286099°*
	Longitude:	*-72.601676°*
Structure Information	*Tower Type:*	*148-Ft Monopole*
	Mount Type:	*14.00-Ft Platform*

FUZE ID # 17123802

Analysis Results

Platform: **83.3% Pass***

***Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com

For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Prasanna Dhakal

STATE OF CONNECTICUT · DEJIAN XU · No. 33733 · LICENSED PROFESSIONAL ENGINEER

07/24/2023

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

1. Contractor shall record all dimensions and member sizes requested in the Mount Geometry Verification Requirements section of the Mount Analysis report. Contractor shall provide the requested information to Colliers Engineering & Design CT, P.C. for structural verification while on site. Contact EOR if these documents are not available to the general contractor.

If required, ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other. Separate review fees will apply.

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Desktop Mount Mapping Form (for reference only)
5. Analysis Calculations

1 MOUNT ANALYSIS

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERYIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONTRUCTION.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0

KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The KA-6030 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the KA-6030 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the KA-6030 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.

FEATURES

- Passes full 700 and 850 bands
- Low insertion loss
- Rejection of 900MHz uplink
- DC/AISG pass
- Twin unit
- Dual twin mounting available

TECHNICAL SPECIFICATIONS

BAND NAME	700 PATH / 850 UPLINK PATH	850 DOWNLINK PATH
Passband	698 - 849MHz	869 - 891.5MHz
Insertion loss	0.1dB typical / 0.3dB maximum	0.5dB typical, 1.45dB maximum
Return loss	24dB typical, 18dB minimum	
Maximum input power (Per Port)	100W average	200W average and 66W per 5MHz
Rejection	53dB minimum @ 894.1 - 896.5MHz	

ELECTRICAL	
Impedance	50Ohms
Intermodulation products	-160dBc maximum in UL Band (assuming 20MHz Signal), with 2 x 43dBm carriers -153dBc maximum with 2 x 43dBm

DC / AISG	
Passband	0 - 13MHz
Insertion loss	0.3dB maximum
Return loss	15dB minimum
Input voltage range	± 33V
DC current rating	2A continuous, 4A peak
Compliance	3GPP TS 25.461

ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20ºC to +60ºC | -4°F to +140°F
Ingress protection	IP67
Altitude	2600m | 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection circuits.
MTBF	>1,000,000 hours
Compliance	ETSI EN 300 019 class 4.1H, RoHS, NEBS GR-487-CORE

MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.

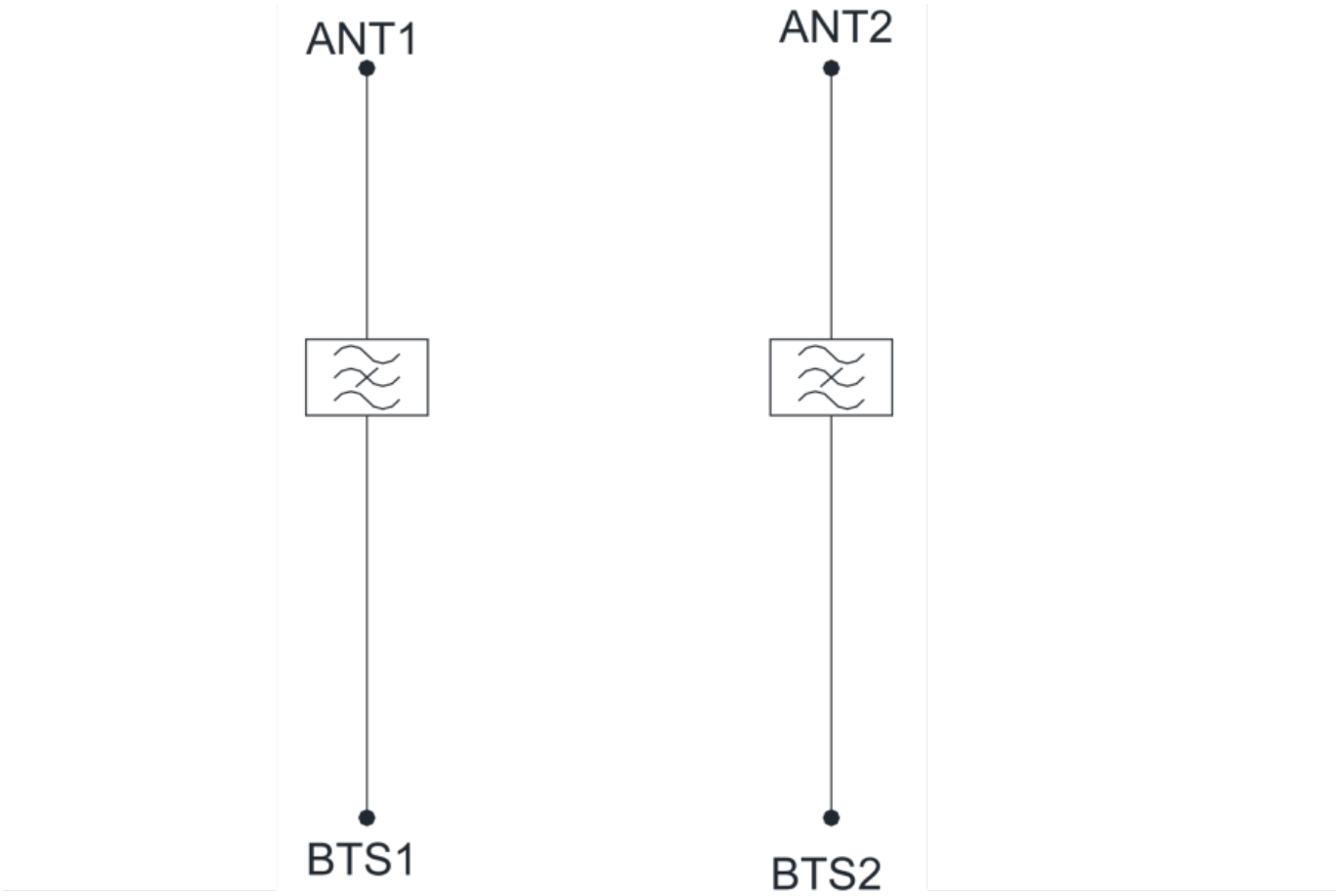
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
KA-6030-2032	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)

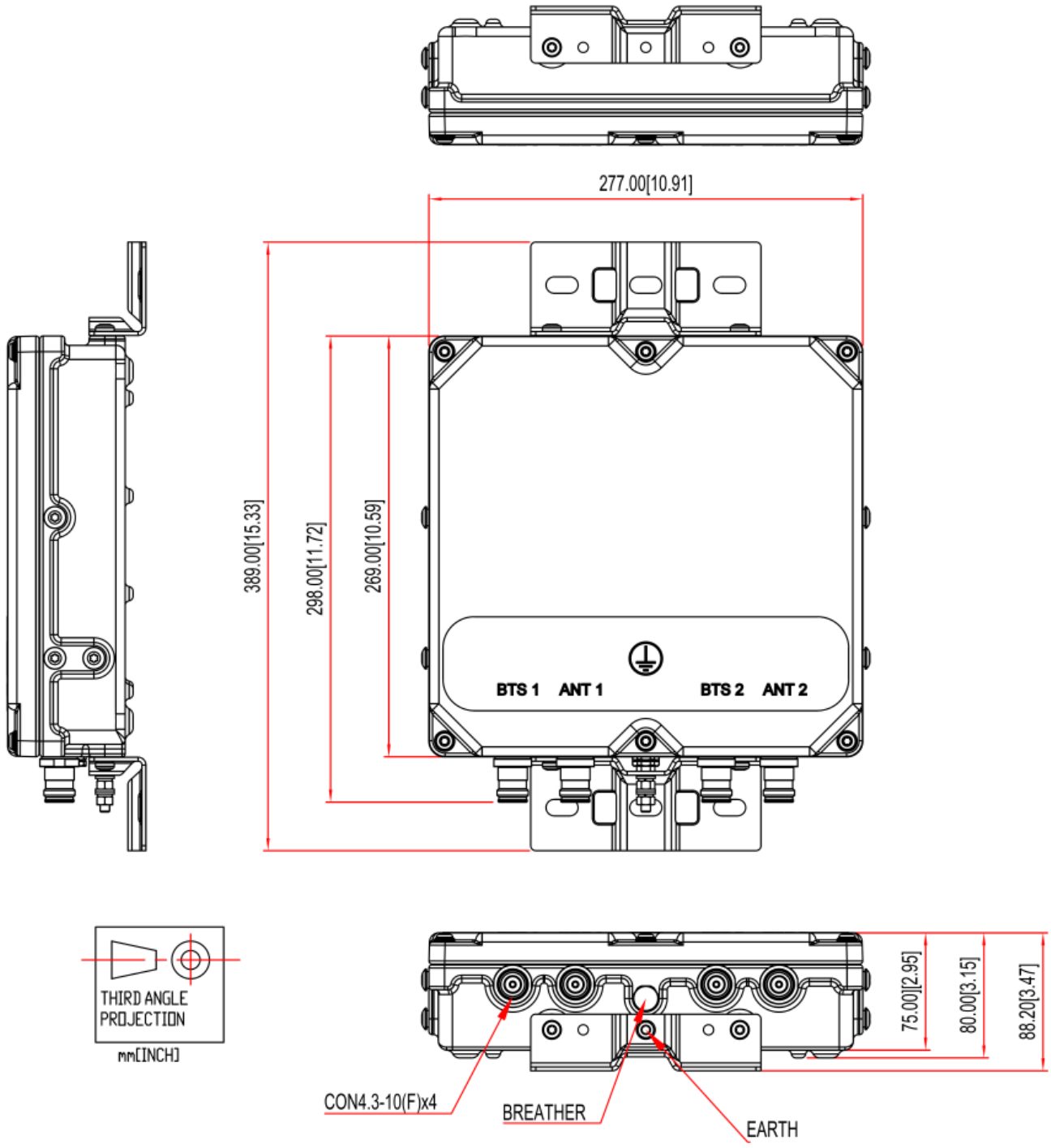
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

MECHANICAL BLOCK DIAGRAM



Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

EXHIBIT 2

8 OLD ROUTE 79

Location	8 OLD ROUTE 79	**MBLU**	48/ 53/ CELL/ /
Unique ID#	48530001	**Owner**	AMERICAN TOWER SPECTRASITE COMMUNICATION
Assessment	$863,900	**Appraisal**	$1,234,100
PID	104171	**Building Count**	1
Dev. Map			

Current Value

Appraisal					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2022	$251,500	$0	$982,600	$0	$1,234,100

Assessment					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2022	$176,100	$0	$687,800	$0	$863,900

Owner of Record

Owner	AMERICAN TOWER SPECTRASITE COMMUNICATION	**Sale Price**	$0
Co-Owner	C/O PROPERTY TAX DEPT	**Book & Page**	0000/0000
Care Of		**Sale Date**	01/01/1900

Ownership History

Ownership History			
Owner	**Sale Price**	**Book & Page**	**Sale Date**
AMERICAN TOWER SPECTRASITE COMMUNICATION	$0	0000/0000	01/01/1900

Building Information

Building 1 : Section 1

Year Built: 2010
Living Area: 1,301

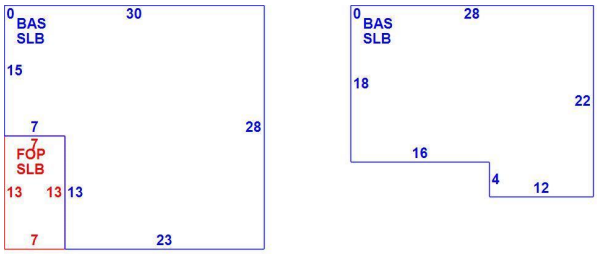
Building Attributes	
Field	**Description**
Style:	Telephone Bldg

Building Photo

(https://images.vgsi.com/photos/MadisonCTPhotos///0028/IMG_0767_281

Model	Commercial
Grade	Average +
Stories:	1
Occupancy	1.00
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	
Roof Structure	Shed
Roof Cover	Asphalt Shngl.
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Concr-Finished
Interior Floor 2	
Heating Fuel	Electric
Heating Type	Forced Air-Duc
AC Type	Central
Struct Class	
Bldg Use	Tel X Sta
Total Rooms	1
Total Bedrms	
Total Baths	
Fireplace	
Xtra Fireplaces	
1st Floor Use:	
Heat/AC	Heat A/C Pkg
Frame Type	Wood Frame
Baths/Plumbing	Average
Ceiling/Wall	Ceil and Wall
Rooms/Prtns	Average
Wall Height	10.00
% Comn Wall	

Building Layout



(ParcelSketch.ashx?pid=104171&bid=103750)

Building Sub-Areas (sq ft)			
Code	Description	Gross Area	Living Area
BAS	First Floor	1,301	1,301
FOP	Open Porch	91	0
SLB	Slab	1,392	0
		2,784	1,301

Extra Features

Extra Features
No Data for Extra Features

Land

Land Use

Use Code 4300
Description Tel X Sta

Land Line Valuation

Size (Acres) 0
lblIndfront

Zone

Outbuildings

Outbuildings						
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
CEL	Cell Tower			6.00 UNITS	$981,600	1
FN3	Fence 6'			160.00 L.F.	$1,000	1


3
1.12 Ac
2
0.75 Ac
53-
CELL
53
1.02 Ac
54
0.55 Ac
52
1.64 Ac
163.65'
66.6'
18.69'
136.52'
145'
375'
199.32'
407'
244.28'
179.07'
20'
53
198
9
93.73'
27.87'
164.87'
8
85.47'
150.45'
278.4'
56'
92.85'
133.07'
A
65.72'
140.42'
90.87'
141.94'
395'
50.68'
34.19
99
2A
3B
17
8'
118.21'
2
6
3.58'
38.95'
61.45'

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	148 ft Monopole
ATC Asset Name	:	Madison CT 6
ATC Asset Number	:	302540
Engineering Number	:	14539897_C3_01
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	MADISON 2 CT
Carrier Site Number	:	5000124943
Site Location	:	8 Old 79 Madison, CT 06443-2685 41.2855° N, 72.6014° W
County	:	New Haven
Date	:	October 11, 2023
Max Usage	:	84%
Analysis Result	:	Pass

Created By:

Nathan Lyle
Structural Engineer I

Nathan Lyle

COA: PEC.0001553

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 148 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	Summit, PJF Job #29299-729, dated November 12, 1999
Foundation:	Spectrasite Project #F301896.00, dated January 4, 2000
Geotechnical:	Dr. Clarence Welti, P.E., P.C. Project Tower Site @ Madison Police Station, dated November 19, 1999

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	123 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code(s):	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.21, S_1 = 0.05
Site Class:	D - Stiff Soil - Default

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please reach out to your American Tower contact. If you do not have an American Tower contact and have an Engineering question, please contact **Engineering@americantower.com** Please include the American Tower asset name, asset number, and engineering number in the subject line for any questions.

Structure Usages

Structural Component	Usage	Control	Result
Pole Shaft	62.1%	1.2D + 1.0W	Pass
Serviceability Usage	28.4%	1.0D + 1.0W	Pass
Base Plate @ 0.0 ft	57.5%	Rods	Pass
Pier	84.2%	Shear [Steel]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	4,099.9	76.3	37.0

Reactions shown reflect the results from the Load Case with maximum Moment

Structure base reactions were analyzed using available geotechnical and foundation information.

VERIZON WIRELESS Final Loading

Elev (ft)	Qty	Equipment	Lines
140.0	1	Commscope LNX-6514DS-A1M	(2) 1 1/4" Hybriflex Cable (10) 1 5/8" Coax
	1	Low Profile Platform	
	1	RFS DB-C1-12C-24AB-0Z	
	2	Andrew LNX-8513DS-A1M	
	2	Kaelus KA-6030	
	3	Commscope CBC78T-DS-43-2X	
	3	Mount Reinforcement	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	3	Samsung XXDWMM-12.5-65-8T-CBRS	
	6	Commscope JAHH-65B-R3B	

Install proposed lines inside the pole shaft.

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
160.2	1	18' Dipole	-	OTHER
157.9	1	10' Dipole	-	OTHER
156.8	1	11' Omni	-	OTHER
149.7	12	48" x 8" Panel	-	SPRINT NEXTEL
148.0	1	Low Profile Platform	-	-
138.0	1	Collar	-	AT&T MOBILITY
137.7	3	Ericsson RRUS 32 B30 (53 lbs)	-	AT&T MOBILITY
134.0	3	Ericsson Air 6449 B77D	-	AT&T MOBILITY
132.0	1	Platform with Handrails	(3) 0.41" (10.3mm) Fiber (2) 0.82" (20.8mm) 8 AWG 6 (4) 0.92" (23.4mm) Cable (6) 1 5/8" Coax (4) 2" conduit	AT&T MOBILITY
	1	Raycap DC6-48-60-18-8F ("Squid")		
	2	Raycap DC9-48-60-24-8C-EV		
	3	CCI DMP65R-BU6EA-K		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
	3	Ericsson RRUS 8843 B2, B66A		
	3	Mount Reinforcement		
	3	Kathrein Scala 80010964		
130.0	3	Ericsson AIR 6419 B77G	-	AT&T MOBILITY
121.0	4	RFS APXVAALL24 43-U-NA20	-	T-MOBILE
120.0	1	Square Low Profile Platform	(8) 1 5/8" Hybriflex	T-MOBILE
	4	Ericsson Air6449 B41		
	4	Ericsson Radio 4460 B25+B66		
	4	Ericsson Radio 4480 B71+B85A		
110.0	1	Commscope RDIDC-9181-PF-48	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	1	Platform with Handrails		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		

Elev (ft)	Qty	Equipment	Lines	Carrier
102.0	3	Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	-	SPRINT NEXTEL
101.9	3	Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter	-	SPRINT NEXTEL
101.0	1	Platform with Handrails	-	SPRINT NEXTEL
99.2	3	Alcatel-Lucent 1900 MHz 4X45 RRH	-	SPRINT NEXTEL
98.6	3	RFS APXV9TM14-ALU-I20	-	SPRINT NEXTEL
97.6	3	RFS APXVSPP18-C-A20	-	SPRINT NEXTEL
89.0	1	Collar	-	METRO PCS INC
86.0	3	RFS APXV18-206517S-C	(6) 1 5/8" Coax	METRO PCS INC
74.6	1	GPS	-	SPRINT NEXTEL

(If table breaks across pages, please see previous page for data in merged cells)

Standard Conditions

All engineering services performed by A.T. Engineering Services LLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

- Information supplied by the client regarding antenna, mounts, and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Services LLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Services LLC and used in the performance of our engineering services is correct and complete.

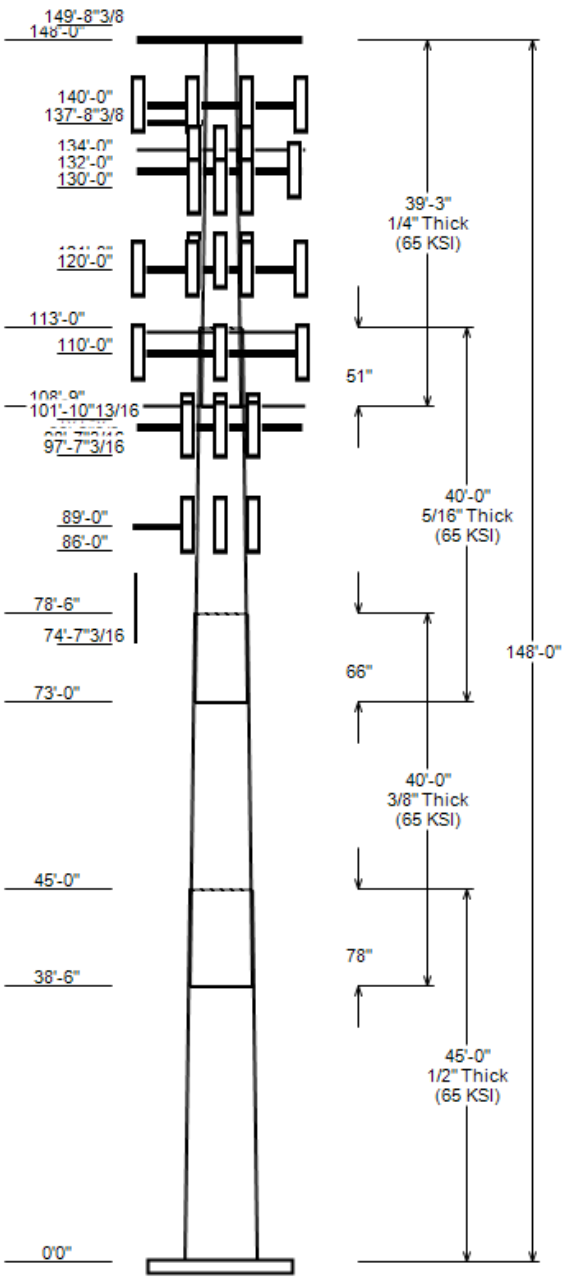
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Services LLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Services LLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

ANALYSIS PARAMETERS

Nominal Wind:	123 mph	**Ice Wind:**	50 mph w/ 1" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	B	**S_s:** 0.205	**S_1:** 0.054
Topo Category:	1	**Topo Factor:**	Method 1	**Topo Feature:**	
Structure Height:	148 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Taper
Base Diameter:	61.05 in	**Base Rotation:**	0°	**Taper:**	0.2630 (in/ft)



POLE SECTION PROPERTIES

Section	Length (ft)	Flat Diameter (in) Top	Flat Diameter (in) Bottom	Thick (in)	Joint Type	Joint Length (in)	Pole Shape	Yield Strength (ksi)
1	45.000	49.22	61.05	0.500		0.000	18 Sides	65
2	40.000	41.15	51.67	0.375	Slip Joint	78.000	18 Sides	65
3	40.000	32.70	43.23	0.312	Slip Joint	66.000	18 Sides	65
4	39.250	24.00	34.32	0.250	Slip Joint	51.000	18 Sides	65

DISCRETE APPURTENANCE

Elev (ft)	Description
160.2	(1) Generic 18' Dipole
157.9	(1) Generic 10' Dipole
156.8	(1) Generic 11' Omni
149.7	(12) Generic 48" x 8" Panel
148.0	(1) Generic Flat Low Profile Platf
140.0	(3) Commscope CBC78T-DS-43-2X
140.0	(2) Kaelus KA-6030
140.0	(3) Samsung XXDWMM-12.5-65-8T-CBRS
140.0	(3) Samsung B2/B66A RRH-BR049
140.0	(3) Samsung B5/B13 RRH-BR04C
140.0	(1) RFS DB-C1-12C-24AB-0Z
140.0	(3) Samsung MT6407-77A
140.0	(3) Generic Mount Reinforcement
140.0	(2) Andrew LNX-8513DS-A1M
140.0	(1) Commscope LNX-6514DS-A1M
140.0	(6) Commscope JAHH-65B-R3B
140.0	(1) Generic Flat Low Profile Platf
138.0	(1) Collar
137.7	(3) Ericsson RRUS 32 B30 (53 lbs)
134.0	(3) Ericsson Air 6449 B77D
132.0	(1) Raycap DC6-48-60-18-8F ("Squid
132.0	(3) Ericsson RRUS 8843 B2, B66A
132.0	(3) Ericsson RRUS 4449 B5, B12
132.0	(3) Ericsson RRUS 4478 B14
132.0	(2) Raycap DC9-48-60-24-8C-EV
132.0	(3) Generic Mount Reinforcement
132.0	(3) Kathrein Scala 80010964
132.0	(3) CCI DMP65R-BU6EA-K
132.0	(1) Generic Flat Platform with Han
130.0	(3) Ericsson AIR 6419 B77G
121.0	(4) RFS APXVAALL24 43-U-NA20
120.0	(4) Ericsson Radio 4460 B25+B66
120.0	(4) Ericsson Radio 4480 B71+B85A
120.0	(4) Ericsson Air6449 B41
120.0	(1) Generic Square Low Profile Pla
110.0	(1) Commscope RDIDC-9181-PF-48
110.0	(3) Fujitsu TA08025-B604
110.0	(3) Fujitsu TA08025-B605
110.0	(3) JMA Wireless MX08FRO665-21
110.0	(1) Generic Round Platform with Ha
102.0	(3) Alcatel-Lucent TD-RRH8x20-25 w
101.9	(3) Alcatel-Lucent 800 MHz 2X50W R
101.0	(1) Generic Flat Platform with Han
99.2	(3) Alcatel-Lucent 1900 MHz 4X45 R
98.6	(3) RFS APXV9TM14-ALU-I20
97.6	(3) RFS APXVSPP18-C-A20
89.0	(1) Collar
86.0	(3) RFS APXV18-206517S-C
74.6	(1) Generic GPS

LINEAR APPURTENANCE

Elev To (ft)	Description
160.0	(4) 7/8" Coax
157.0	(1) 7/8" Coax
150.0	(12) 1 1/4" Coax
140.0	(10) 1 5/8" Coax
140.0	(2) 1 1/4" Hybriflex Cable
135.0	(3) 3" conduit
132.0	(4) 2" conduit
132.0	(6) 1 5/8" Coax
132.0	(4) 0.92" (23.4mm) Cable
132.0	(2) 0.82" (20.8mm) 8 AWG 6
132.0	(3) 0.41" (10.3mm) Fiber
120.0	(8) 1 5/8" Hybriflex
110.0	(1) 1.60" (40.6mm) Hybrid
98.0	(1) 5/8" Hybriflex
98.0	(3) 1 1/4" Hybriflex Cable
86.0	(6) 1 5/8" Coax
75.0	(1) 1/2" Coax

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	4099.95	76.30	37.05
0.9D + 1.0W	4052.26	57.21	37.02
1.2D + 1.0Di + 1.0Wi	993.78	99.25	9.02
1.2D + 1.0Ev + 1.0Eh	232.86	76.56	1.91
0.9D - 1.0Ev + 1.0Eh	229.41	52.71	1.91
1.0D + 1.0W	866.55	63.62	7.88

ANALYSIS PARAMETERS

Location:	New Haven County,CT	**Height:**	148 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	61.05 in
Manufacturer:	Summit	**Top Diameter:**	24.00 in
K_d (non-service):	0.95	**Taper:**	0.2630 in/ft
K_e:	1.00	**Rotation:**	0.000º

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	123 mph
Exposure Category:	B	**Design Wind Speed w/ Ice:**	50 mph
Topo Factor Procedure:	Method 1	**Design Ice Thickness:**	1.00 in
Topographic Category:	1	**Service Wind Speed:**	60 mph
Crest Height:	0 ft	**HMSL:**	30.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		2.33
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.205	**S_1:**	0.054	**C_s Max:**	0.030
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.219	**S_{d1}:**	0.086		

LOAD CASES

1.2D + 1.0W	123 mph Wind with No Ice
0.9D + 1.0W	123 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

							Bottom						Top						
Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper (in/ft)
1-18	45.00	0.5000	65		0.00	13,276	61.05	0.000	96.09	44,509.9	19.77	122.10	49.22	45.00	77.31	23,179.	15.59	98.43	0.2630
2-18	40.00	0.3750	65	Slip	78.00	7,458	51.67	38.500	61.06	20,300.6	22.53	137.80	41.15	78.50	48.54	10,197.	17.59	109.74	0.2630
3-18	40.00	0.3125	65	Slip	66.00	5,083	43.23	73.000	42.56	9,902.9	22.63	138.32	32.70	113.00	32.13	4,259.3	16.69	104.66	0.2630
4-18	39.25	0.2500	65	Slip	51.00	3,064	34.32	108.750	27.04	3,965.7	22.45	137.29	24.00	148.00	18.85	1,343.0	15.16	96.00	0.2630
			Total Shaft Weight			**28,881**													

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
160.20	Generic 18' Dipole	1	1.00	0.000	55.00	6.770	1.00	187.84	13.893	1.00
157.90	Generic 10' Dipole	1	1.00	0.000	30.00	3.760	1.00	104.21	7.751	1.00
156.80	Generic 11' Omni	1	1.00	0.000	40.00	3.300	1.00	95.55	5.931	1.00
149.70	Generic 48" x 8" Panel	12	0.80	0.000	20.00	3.615	0.73	78.91	4.860	0.73
148.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2414.74	38.824	1.00
140.00	Commscope JAHH-65B-R3B	6	0.80	0.000	60.60	9.113	0.69	194.72	10.952	0.69
140.00	Andrew LNX-8513DS-A1M	2	0.80	0.000	39.20	8.173	0.77	155.83	10.042	0.77
140.00	Commscope LNX-6514DS-A1M	1	0.80	0.000	38.80	8.173	1.00	155.44	10.042	1.00
140.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2411.91	38.757	1.00
140.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	328.30	8.276	0.67
140.00	Samsung MT6407-77A	3	0.80	0.000	81.60	4.709	0.61	149.17	5.716	0.61
140.00	RFS DB-C1-12C-24AB-0Z	1	0.80	0.000	32.00	4.056	1.00	116.26	4.961	1.00
140.00	Samsung B5/B13 RRH-BR04C	3	0.80	0.000	70.30	1.875	0.50	108.22	2.473	0.50
140.00	Samsung B2/B66A RRH-BR049	3	0.80	0.000	84.40	1.875	0.50	126.69	2.473	0.50
140.00	Samsung XXDWMM-12.5-65-8T-CBRS	3	0.80	0.000	23.10	1.539	0.50	50.60	2.091	0.50
140.00	Kaelus KA-6030	2	0.80	0.000	17.60	0.963	0.50	33.23	1.396	0.50
140.00	Commscope CBC78T-DS-43-2X	3	0.80	0.000	20.70	0.552	0.50	35.35	0.889	0.50
138.00	Collar	1	1.00	0.000	560.00	8.500	1.00	870.11	13.207	1.00
137.70	Ericsson RRUS 32 B30 (53 lbs)	3	0.75	0.000	53.00	2.743	0.67	101.67	3.517	0.67
134.00	Ericsson Air 6449 B77D	3	0.75	0.000	81.60	4.028	0.65	149.48	4.936	0.65
132.00	CCI DMP65R-BU6EA-K	3	0.75	0.000	103.80	12.709	0.65	287.38	14.547	0.65
132.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3670.78	56.222	1.00
132.00	Kathrein Scala 80010964	3	0.75	0.000	83.80	9.997	0.62	218.62	11.553	0.62
132.00	Generic Mount Reinforcement	3	0.67	0.000	200.00	4.980	0.75	327.55	8.257	0.75
132.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.40	2.021	0.67	99.84	2.643	0.67
132.00	Raycap DC9-48-60-24-8C-EV	2	0.75	0.000	16.00	4.788	0.75	101.08	5.757	0.75
132.00	Raycap DC6-48-60-18-8F ("Squid	1	0.75	0.000	18.90	1.470	1.00	59.57	1.930	1.00
132.00	Ericsson RRUS 8843 B2, B66A	3	0.75	0.000	72.00	1.639	0.50	112.40	2.196	0.50
132.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	113.48	2.584	0.50
130.00	Ericsson AIR 6419 B77G	3	0.75	0.000	66.10	3.797	0.65	129.87	4.663	0.65
121.00	RFS APXVAALL24 43-U-NA20	4	0.80	0.000	122.80	20.243	0.63	377.37	22.667	0.63
120.00	Ericsson Radio 4480 B71+B85A	4	0.80	0.000	84.00	2.852	0.67	133.25	3.580	0.67
120.00	Ericsson Air6449 B41	4	0.80	0.000	104.00	5.682	0.63	192.85	6.717	0.63
120.00	Generic Square Low Profile Pla	1	1.00	0.000	2863.00	45.000	1.00	3799.19	82.196	1.00
120.00	Ericsson Radio 4460 B25+B66	4	0.80	0.000	109.00	2.564	0.67	166.62	3.251	0.67
110.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3548.39	43.022	1.00
110.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	230.86	14.308	0.64
110.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	58.73	2.450	1.00
110.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	101.65	2.557	0.50
110.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	115.55	2.557	0.50
102.00	Alcatel-Lucent TD-RRH8x20-25 w	3	0.75	3.500	70.00	4.046	0.61	130.74	4.899	0.61
101.90	Alcatel-Lucent 800 MHz 2X50W R	3	0.75	3.500	64.00	2.058	0.67	113.49	2.673	0.67
101.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3640.16	55.860	1.00
99.20	Alcatel-Lucent 1900 MHz 4X45 R	3	0.75	3.500	60.00	2.322	0.67	111.64	3.014	0.67
98.60	RFS APXV9TM14-ALU-I20	3	0.75	3.500	55.10	6.381	0.66	143.21	7.784	0.66
97.60	RFS APXVSPP18-C-A20	3	0.75	3.500	57.00	8.024	0.69	167.24	9.807	0.69
89.00	Collar	1	1.00	0.000	560.00	8.500	1.00	856.33	12.998	1.00
86.00	RFS APXV18-206517S-C	3	1.00	3.000	26.40	5.160	0.68	84.92	6.654	0.68
74.60	Generic GPS	1	1.00	2.000	10.00	0.900	1.00	28.21	1.298	1.00

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
Totals	**Row Count: 49**	**128**			**23,328.10**			**38,807.06**		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Diameter (in)	Weight (lb/ft)	Flat	Max/ Row	Distance Between Rows(in)	Distance Between Cols(in)	Azimuth (deg)	Distance From Face (in)	Exposed To Wind	Carrier
0.00	160.00	4	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	Other
0.00	157.00	1	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	Other
0.00	150.00	12	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	140.00	10	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	140.00	2	1 1/4" Hybriflex Cabl	1.54	1	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	135.00	3	3" conduit	3.5	7.58	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	132.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	132.00	4	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	132.00	4	0.92" (23.4mm) Cable	0.92	0.89	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	132.00	3	0.41" (10.3mm) Fiber	0.41	0.09	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	132.00	2	0.82" (20.8mm) 8 AWG	0.82	0.62	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	120.00	8	1 5/8" Hybriflex	1.98	1.3	N	4	1	1	90	1	Y	T-MOBILE
0.00	110.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.
0.00	98.00	3	1 1/4" Hybriflex Cabl	1.54	1	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	98.00	1	5/8" Hybriflex	0.84	0.7	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	86.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	METRO PCS INC
0.00	75.00	1	1/2" Coax	0.63	0.15	N	1	1	1	85	1	Y	SPRINT NEXTEL

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description *(Max Length: 5 ft)*	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.5000	61.050	96.089	44,509.90	19.77	122.10	78.2	1436.0	0.0	0.0
5.00		0.5000	59.735	94.003	41,672.40	19.30	119.47	78.7	1374.0	0.0	1,617.1
10.00		0.5000	58.420	91.916	38,958.20	18.84	116.84	79.2	1313.5	0.0	1,581.6
15.00		0.5000	57.105	89.829	36,364.40	18.38	114.21	79.8	1254.3	0.0	1,546.1
20.00		0.5000	55.790	87.742	33,888.40	17.91	111.58	80.3	1196.4	0.0	1,510.6
25.00		0.5000	54.475	85.655	31,527.40	17.45	108.95	80.9	1139.9	0.0	1,475.1
30.00		0.5000	53.160	83.568	29,278.70	16.98	106.32	81.4	1084.8	0.0	1,439.6
35.00		0.5000	51.845	81.481	27,139.60	16.52	103.69	82	1031.1	0.0	1,404.1
38.50	Bot - Section 2	0.5000	50.924	80.020	25,705.90	16.20	101.85	82.4	994.2	0.0	961.7
40.00		0.5000	50.530	79.394	25,107.30	16.06	101.06	82.5	978.7	0.0	717.3
45.00	Top - Section 1	0.3750	49.965	59.022	18,337.90	21.73	133.24	75.8	722.9	0.0	2,350.6
50.00		0.3750	48.650	57.457	16,917.40	21.11	129.73	76.6	684.9	0.0	990.9
55.00		0.3750	47.335	55.892	15,572.20	20.49	126.23	77.3	648.0	0.0	964.3
60.00		0.3750	46.020	54.327	14,300.30	19.88	122.72	78	612.0	0.0	937.6
65.00		0.3750	44.705	52.761	13,099.60	19.26	119.21	78.8	577.1	0.0	911.0
70.00		0.3750	43.390	51.196	11,968.00	18.64	115.71	79.5	543.3	0.0	884.4
73.00	Bot - Section 3	0.3750	42.601	50.257	11,321.40	18.27	113.60	79.9	523.4	0.0	517.8
74.60		0.3750	42.180	49.756	10,986.30	18.07	112.48	80.1	513.0	0.0	502.9
75.00		0.3750	42.075	49.631	10,903.60	18.02	112.20	80.2	510.4	0.0	124.9
78.50	Top - Section 2	0.3125	41.779	41.128	8,934.80	21.81	133.69	75.7	421.2	0.0	1,079.8
80.00		0.3125	41.385	40.737	8,682.30	21.59	132.43	76	413.2	0.0	208.9
85.00		0.3125	40.069	39.433	7,874.70	20.85	128.22	76.9	387.1	0.0	682.0
86.00		0.3125	39.806	39.172	7,719.50	20.70	127.38	77.1	382.0	0.0	133.7
89.00		0.3125	39.017	38.389	7,266.00	20.25	124.86	77.6	366.8	0.0	395.9
90.00		0.3125	38.754	38.128	7,118.90	20.10	124.01	77.8	361.8	0.0	130.2
95.00		0.3125	37.439	36.824	6,413.00	19.36	119.81	78.6	337.4	0.0	637.6
97.60		0.3125	36.756	36.146	6,065.10	18.98	117.62	79.1	325.0	0.0	322.8
98.60		0.3125	36.493	35.885	5,934.80	18.83	116.78	79.3	320.3	0.0	122.6
99.20		0.3125	36.335	35.728	5,857.40	18.74	116.27	79.4	317.5	0.0	73.1
100.00		0.3125	36.124	35.520	5,755.40	18.62	115.60	79.5	313.8	0.0	97.0
101.00		0.3125	35.861	35.259	5,629.50	18.47	114.76	79.7	309.2	0.0	120.4

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description *(Max Length: 5 ft)*	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
101.90		0.3125	35.625	35.024	5,517.80	18.34	114.00	79.8	305.1	0.0	107.6
102.00		0.3125	35.598	34.998	5,505.50	18.32	113.91	79.8	304.6	0.0	11.9
105.00		0.3125	34.809	34.215	5,144.40	17.88	111.39	80.4	291.1	0.0	353.3
108.75	Bot - Section 4	0.3125	33.823	33.237	4,715.60	17.32	108.23	81	274.6	0.0	430.4
110.00		0.3125	33.494	32.911	4,578.20	17.14	107.18	81.2	269.2	0.0	255.1
113.00	Top - Section 3	0.2500	33.205	26.149	3,588.10	21.66	132.82	75.9	212.8	0.0	602.1
115.00		0.2500	32.679	25.732	3,419.00	21.29	130.72	76.4	206.1	0.0	176.5
120.00		0.2500	31.364	24.688	3,019.70	20.36	125.46	77.5	189.6	0.0	428.9
121.00		0.2500	31.101	24.480	2,943.80	20.17	124.41	77.7	186.4	0.0	83.7
125.00		0.2500	30.049	23.645	2,652.80	19.43	120.20	78.5	173.9	0.0	327.5
130.00		0.2500	28.734	22.601	2,316.80	18.50	114.94	79.6	158.8	0.0	393.4
132.00		0.2500	28.208	22.184	2,190.80	18.13	112.83	80.1	153.0	0.0	152.4
134.00		0.2500	27.682	21.767	2,069.50	17.76	110.73	80.5	147.2	0.0	149.6
135.00		0.2500	27.419	21.558	2,010.50	17.58	109.68	80.7	144.4	0.0	73.7
137.70		0.2500	26.709	20.995	1,857.00	17.07	106.84	81.3	136.9	0.0	195.5
138.00		0.2500	26.630	20.932	1,840.40	17.02	106.52	81.4	136.1	0.0	21.4
140.00		0.2500	26.104	20.515	1,732.50	16.65	104.42	81.8	130.7	0.0	141.0
145.00		0.2500	24.789	19.471	1,481.40	15.72	99.16	82.6	117.7	0.0	340.2
148.00		0.2500	24.000	18.845	1,343.00	15.16	96.00	82.6	110.2	0.0	195.6
										Total:	**28,881.4**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 123 mph Wind with No Ice — 23 Iterations

Gust Response Factor: 1.10
Dead load Factor: 1.20
Wind Load Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-76.30	-37.05	0.00	-4,100.0	0.00	4,099.95	6,758.62	1,686.37	9,222.92	8,416.93	0	0	0.499
5.00	-73.75	-36.69	0.00	-3,914.7	0.00	3,914.72	6,657.98	1,649.74	8,826.71	8,110.05	0.07	-0.13	0.494
10.00	-71.24	-36.33	0.00	-3,731.3	0.00	3,731.29	6,555.29	1,613.12	8,439.20	7,806.21	0.27	-0.26	0.489
15.00	-68.77	-35.98	0.00	-3,549.6	0.00	3,549.64	6,450.55	1,576.49	8,060.39	7,505.59	0.62	-0.39	0.484
20.00	-66.35	-35.63	0.00	-3,369.7	0.00	3,369.74	6,343.77	1,539.87	7,690.27	7,208.36	1.1	-0.53	0.478
25.00	-63.97	-35.29	0.00	-3,191.6	0.00	3,191.58	6,234.93	1,503.25	7,328.86	6,914.68	1.73	-0.66	0.472
30.00	-61.63	-34.94	0.00	-3,015.2	0.00	3,015.15	6,124.05	1,466.62	6,976.14	6,624.72	2.5	-0.8	0.466
35.00	-59.35	-34.63	0.00	-2,840.4	0.00	2,840.45	6,011.12	1,430.00	6,632.12	6,338.64	3.42	-0.95	0.459
38.50	-57.79	-34.44	0.00	-2,719.2	0.00	2,719.25	5,930.85	1,404.36	6,396.48	6,140.79	4.15	-1.05	0.453
40.00	-56.72	-34.20	0.00	-2,667.6	0.00	2,667.59	5,896.14	1,393.37	6,296.80	6,056.62	4.49	-1.09	0.451
45.00	-53.29	-33.78	0.00	-2,496.6	0.00	2,496.61	4,028.71	1,035.84	4,639.55	4,111.86	5.71	-1.24	0.621
50.00	-51.49	-33.40	0.00	-2,327.7	0.00	2,327.73	3,959.48	1,008.37	4,396.77	3,933.24	7.09	-1.39	0.606
55.00	-49.70	-33.02	0.00	-2,160.8	0.00	2,160.76	3,888.20	980.90	4,160.52	3,756.41	8.64	-1.58	0.589
60.00	-47.96	-32.64	0.00	-1,995.6	0.00	1,995.64	3,814.88	953.43	3,930.79	3,581.54	10.4	-1.77	0.571
65.00	-46.24	-32.25	0.00	-1,832.4	0.00	1,832.42	3,739.51	925.96	3,707.59	3,408.81	12.35	-1.96	0.551
70.00	-44.58	-31.91	0.00	-1,671.2	0.00	1,671.16	3,662.08	898.49	3,490.91	3,238.38	14.5	-2.15	0.529
73.00	-43.60	-31.71	0.00	-1,575.4	0.00	1,575.42	3,614.65	882.01	3,364.03	3,137.29	15.89	-2.26	0.516
74.60	-42.80	-31.58	0.00	-1,524.6	0.00	1,524.62	3,589.04	873.22	3,297.33	3,083.75	16.66	-2.33	0.508
75.00	-42.58	-31.42	0.00	-1,512.0	0.00	1,511.99	3,582.61	871.03	3,280.75	3,070.41	16.86	-2.34	0.506
78.50	-40.87	-31.16	0.00	-1,402.0	0.00	1,402.01	2,803.83	721.80	2,703.37	2,392.99	18.62	-2.47	0.602
80.00	-40.41	-30.91	0.00	-1,355.3	0.00	1,355.27	2,786.75	714.93	2,652.18	2,355.62	19.41	-2.53	0.592
85.00	-39.01	-30.62	0.00	-1,200.7	0.00	1,200.73	2,728.50	692.04	2,485.09	2,231.98	22.17	-2.74	0.554
86.00	-38.63	-30.05	0.00	-1,168.9	0.00	1,168.89	2,716.60	687.46	2,452.32	2,207.43	22.75	-2.78	0.546
89.00	-37.17	-29.49	0.00	-1,078.8	0.00	1,078.75	2,680.42	673.73	2,355.33	2,134.18	24.54	-2.91	0.521
90.00	-36.87	-29.24	0.00	-1,049.3	0.00	1,049.26	2,668.19	669.15	2,323.43	2,109.89	25.16	-2.95	0.513
95.00	-35.56	-28.87	0.00	-903.0	0.00	903.05	2,605.84	646.26	2,167.21	1,989.53	28.35	-3.14	0.470
97.60	-34.71	-28.17	0.00	-826.2	0.00	826.25	2,572.61	634.36	2,088.12	1,927.68	30.09	-3.24	0.444
98.60	-34.28	-27.70	0.00	-796.7	0.00	796.74	2,559.68	629.78	2,058.09	1,904.03	30.78	-3.28	0.434
99.20	-33.92	-27.48	0.00	-779.6	0.00	779.63	2,551.88	627.03	2,040.18	1,889.88	31.19	-3.31	0.428
100.00	-33.72	-27.40	0.00	-757.6	0.00	757.64	2,541.44	623.37	2,016.42	1,871.06	31.75	-3.34	0.420
101.00	-30.57	-25.43	0.00	-730.2	0.00	730.25	2,528.32	618.79	1,986.91	1,847.61	32.45	-3.37	0.409
101.90	-30.13	-25.23	0.00	-706.9	0.00	706.92	2,516.43	614.67	1,960.55	1,826.57	33.09	-3.4	0.401
102.00	-29.86	-24.85	0.00	-703.6	0.00	703.61	2,515.11	614.21	1,957.63	1,824.24	33.16	-3.41	0.399

CALCULATED FORCES

105.00	-29.12	-24.51	0.00	-629.0	0.00	629.05	2,474.99	600.48	1,871.07	1,754.65	35.34	-3.51	0.372
108.75	-28.23	-24.22	0.00	-537.1	0.00	537.14	2,423.81	583.31	1,765.62	1,668.80	38.14	-3.63	0.335
110.00	-24.18	-21.66	0.00	-506.9	0.00	506.86	2,406.50	577.59	1,731.16	1,640.47	39.1	-3.67	0.320
113.00	-23.17	-21.36	0.00	-441.9	0.00	441.87	1,786.92	458.92	1,366.00	1,211.99	41.43	-3.76	0.380
115.00	-22.76	-20.99	0.00	-399.2	0.00	399.16	1,768.50	451.59	1,322.75	1,180.21	43.02	-3.82	0.353
120.00	-17.13	-17.45	0.00	-294.2	0.00	294.22	1,721.02	433.28	1,217.66	1,101.60	47.1	-3.96	0.279
121.00	-16.48	-15.49	0.00	-276.8	0.00	276.77	1,711.28	429.62	1,197.16	1,086.03	47.93	-3.99	0.266
125.00	-15.77	-15.12	0.00	-214.8	0.00	214.80	1,671.50	414.97	1,116.92	1,024.32	51.31	-4.08	0.220
130.00	-14.68	-14.54	0.00	-139.2	0.00	139.22	1,619.93	396.65	1,020.53	948.55	55.64	-4.18	0.157
132.00	-9.48	-9.85	0.00	-110.1	0.00	110.14	1,598.72	389.33	983.19	918.69	57.39	-4.21	0.126
134.00	-8.93	-9.44	0.00	-90.4	0.00	90.44	1,577.19	382.00	946.55	889.12	59.16	-4.23	0.108
135.00	-8.80	-9.30	0.00	-81.0	0.00	80.99	1,566.31	378.34	928.49	874.44	60.05	-4.25	0.099
137.70	-8.33	-8.98	0.00	-55.9	0.00	55.88	1,536.50	368.45	880.59	835.17	62.46	-4.27	0.073
138.00	-7.66	-8.47	0.00	-53.2	0.00	53.18	1,533.15	367.35	875.35	830.84	62.73	-4.27	0.070
140.00	-3.16	-3.56	0.00	-36.2	0.00	36.24	1,510.64	360.03	840.79	802.17	64.52	-4.29	0.047
145.00	-2.72	-3.25	0.00	-18.5	0.00	18.46	1,446.60	341.72	757.45	728.72	69.02	-4.31	0.027
148.00	0.00	-3.03	0.00	-8.7	0.00	8.72	1,400.09	330.73	709.53	682.38	71.73	-4.32	0.013

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 123 mph Wind with No Ice (Reduced DL) — 23 Iterations

Gust Response Factor: 1.10
Dead load Factor: 0.90
Wind Load Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-57.21	-37.02	0.00	-4,052.3	0.00	4,052.26	6,758.62	1,686.37	9,222.92	8,416.93	0	0	0.490
5.00	-55.28	-36.62	0.00	-3,867.2	0.00	3,867.15	6,657.98	1,649.74	8,826.71	8,110.05	0.07	-0.13	0.486
10.00	-53.38	-36.23	0.00	-3,684.0	0.00	3,684.04	6,555.29	1,613.12	8,439.20	7,806.21	0.27	-0.26	0.481
15.00	-51.51	-35.84	0.00	-3,502.9	0.00	3,502.91	6,450.55	1,576.49	8,060.39	7,505.59	0.61	-0.39	0.475
20.00	-49.68	-35.45	0.00	-3,323.7	0.00	3,323.73	6,343.77	1,539.87	7,690.27	7,208.36	1.09	-0.52	0.469
25.00	-47.87	-35.07	0.00	-3,146.5	0.00	3,146.48	6,234.93	1,503.25	7,328.86	6,914.68	1.7	-0.66	0.463
30.00	-46.10	-34.69	0.00	-2,971.1	0.00	2,971.12	6,124.05	1,466.62	6,976.14	6,624.72	2.47	-0.79	0.457
35.00	-44.38	-34.36	0.00	-2,797.7	0.00	2,797.66	6,011.12	1,430.00	6,632.12	6,338.64	3.37	-0.93	0.449
38.50	-43.19	-34.15	0.00	-2,677.4	0.00	2,677.40	5,930.85	1,404.36	6,396.48	6,140.79	4.1	-1.03	0.444
40.00	-42.38	-33.89	0.00	-2,626.2	0.00	2,626.17	5,896.14	1,393.37	6,296.80	6,056.62	4.43	-1.08	0.441
45.00	-39.79	-33.45	0.00	-2,456.7	0.00	2,456.71	4,028.71	1,035.84	4,639.55	4,111.86	5.64	-1.22	0.608
50.00	-38.42	-33.04	0.00	-2,289.4	0.00	2,289.45	3,959.48	1,008.37	4,396.77	3,933.24	6.99	-1.37	0.593
55.00	-37.06	-32.64	0.00	-2,124.2	0.00	2,124.24	3,888.20	980.90	4,160.52	3,756.41	8.53	-1.55	0.576
60.00	-35.73	-32.23	0.00	-1,961.0	0.00	1,961.05	3,814.88	953.43	3,930.79	3,581.54	10.26	-1.74	0.558
65.00	-34.43	-31.81	0.00	-1,799.9	0.00	1,799.91	3,739.51	925.96	3,707.59	3,408.81	12.18	-1.93	0.538
70.00	-33.16	-31.45	0.00	-1,640.9	0.00	1,640.87	3,662.08	898.49	3,490.91	3,238.38	14.3	-2.11	0.517
73.00	-32.42	-31.24	0.00	-1,546.5	0.00	1,546.51	3,614.65	882.01	3,364.03	3,137.29	15.67	-2.23	0.503
74.60	-31.82	-31.11	0.00	-1,496.5	0.00	1,496.46	3,589.04	873.22	3,297.33	3,083.75	16.42	-2.29	0.495
75.00	-31.64	-30.94	0.00	-1,484.0	0.00	1,484.01	3,582.61	871.03	3,280.75	3,070.41	16.62	-2.3	0.493
78.50	-30.36	-30.68	0.00	-1,375.7	0.00	1,375.72	2,803.83	721.80	2,703.37	2,392.99	18.35	-2.44	0.588
80.00	-29.99	-30.40	0.00	-1,329.7	0.00	1,329.70	2,786.75	714.93	2,652.18	2,355.62	19.13	-2.49	0.577
85.00	-28.93	-30.11	0.00	-1,177.7	0.00	1,177.68	2,728.50	692.04	2,485.09	2,231.98	21.85	-2.7	0.540
86.00	-28.65	-29.53	0.00	-1,146.4	0.00	1,146.35	2,716.60	687.46	2,452.32	2,207.43	22.42	-2.74	0.532
89.00	-27.55	-28.98	0.00	-1,057.8	0.00	1,057.78	2,680.42	673.73	2,355.33	2,134.18	24.18	-2.86	0.508
90.00	-27.32	-28.71	0.00	-1,028.8	0.00	1,028.80	2,668.19	669.15	2,323.43	2,109.89	24.78	-2.9	0.500
95.00	-26.32	-28.33	0.00	-885.3	0.00	885.26	2,605.84	646.26	2,167.21	1,989.53	27.93	-3.09	0.457
97.60	-25.69	-27.63	0.00	-809.9	0.00	809.87	2,572.61	634.36	2,088.12	1,927.68	29.64	-3.19	0.432
98.60	-25.37	-27.16	0.00	-780.9	0.00	780.90	2,559.68	629.78	2,058.09	1,904.03	30.31	-3.23	0.422
99.20	-25.10	-26.94	0.00	-764.1	0.00	764.11	2,551.88	627.03	2,040.18	1,889.88	30.72	-3.25	0.416
100.00	-24.94	-26.86	0.00	-742.6	0.00	742.56	2,541.44	623.37	2,016.42	1,871.06	31.27	-3.28	0.409
101.00	-22.61	-24.93	0.00	-715.7	0.00	715.70	2,528.32	618.79	1,986.91	1,847.61	31.96	-3.32	0.398
101.90	-22.28	-24.74	0.00	-692.8	0.00	692.82	2,516.43	614.67	1,960.55	1,826.57	32.59	-3.35	0.390
102.00	-22.07	-24.36	0.00	-689.6	0.00	689.56	2,515.11	614.21	1,957.63	1,824.24	32.66	-3.35	0.388
105.00	-21.51	-24.01	0.00	-616.5	0.00	616.48	2,474.99	600.48	1,871.07	1,754.65	34.79	-3.45	0.362
108.75	-20.84	-23.73	0.00	-526.4	0.00	526.45	2,423.81	583.31	1,765.62	1,668.80	37.55	-3.57	0.326
110.00	-17.83	-21.23	0.00	-496.8	0.00	496.79	2,406.50	577.59	1,731.16	1,640.47	38.49	-3.61	0.312
113.00	-17.08	-20.93	0.00	-433.1	0.00	433.10	1,786.92	458.92	1,366.00	1,211.99	40.79	-3.7	0.369
115.00	-16.77	-20.56	0.00	-391.2	0.00	391.24	1,768.50	451.59	1,322.75	1,180.21	42.35	-3.75	0.343
120.00	-12.59	-17.11	0.00	-288.4	0.00	288.44	1,721.02	433.28	1,217.66	1,101.60	46.36	-3.89	0.271
121.00	-12.13	-15.17	0.00	-271.3	0.00	271.33	1,711.28	429.62	1,197.16	1,086.03	47.18	-3.92	0.258
125.00	-11.59	-14.80	0.00	-210.6	0.00	210.65	1,671.50	414.97	1,116.92	1,024.32	50.5	-4.01	0.214
130.00	-10.78	-14.24	0.00	-136.7	0.00	136.66	1,619.93	396.65	1,020.53	948.55	54.75	-4.11	0.152
132.00	-6.95	-9.65	0.00	-108.2	0.00	108.18	1,598.72	389.33	983.19	918.69	56.48	-4.14	0.123
134.00	-6.55	-9.26	0.00	-88.9	0.00	88.87	1,577.19	382.00	946.55	889.12	58.21	-4.16	0.105
135.00	-6.45	-9.12	0.00	-79.6	0.00	79.61	1,566.31	378.34	928.49	874.44	59.09	-4.17	0.096
137.70	-6.10	-8.80	0.00	-55.0	0.00	54.99	1,536.50	368.45	880.59	835.17	61.45	-4.2	0.070
138.00	-5.61	-8.31	0.00	-52.4	0.00	52.35	1,533.15	367.35	875.35	830.84	61.72	-4.2	0.067
140.00	-2.31	-3.49	0.00	-35.7	0.00	35.73	1,510.64	360.03	840.79	802.17	63.48	-4.21	0.046
145.00	-1.99	-3.19	0.00	-18.3	0.00	18.29	1,446.60	341.72	757.45	728.72	67.9	-4.24	0.027
148.00	0.00	-3.03	0.00	-8.7	0.00	8.72	1,400.09	330.73	709.53	682.38	70.56	-4.24	0.013

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1" Radial Ice — 22 Iterations

Gust Response Factor: 1.10 — Ice Dead Load Factor 1.00
Dead load Factor: 1.20 — Ice Importance Factor 1.00
Wind Load Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-99.25	-9.02	0.00	-993.8	0.00	993.78	6,758.62	1,686.37	9,222.92	8,416.93	0	0	0.133
5.00	-96.39	-8.93	0.00	-948.7	0.00	948.67	6,657.98	1,649.74	8,826.71	8,110.05	0.02	-0.03	0.131
10.00	-93.54	-8.84	0.00	-904.0	0.00	904.03	6,555.29	1,613.12	8,439.20	7,806.21	0.07	-0.06	0.130
15.00	-90.72	-8.74	0.00	-859.8	0.00	859.85	6,450.55	1,576.49	8,060.39	7,505.59	0.15	-0.09	0.129
20.00	-87.93	-8.65	0.00	-816.1	0.00	816.13	6,343.77	1,539.87	7,690.27	7,208.36	0.27	-0.13	0.127
25.00	-85.19	-8.56	0.00	-772.9	0.00	772.87	6,234.93	1,503.25	7,328.86	6,914.68	0.42	-0.16	0.125
30.00	-82.49	-8.47	0.00	-730.1	0.00	730.06	6,124.05	1,466.62	6,976.14	6,624.72	0.61	-0.19	0.124
35.00	-79.84	-8.39	0.00	-687.7	0.00	687.71	6,011.12	1,430.00	6,632.12	6,338.64	0.83	-0.23	0.122
38.50	-78.01	-8.34	0.00	-658.4	0.00	658.36	5,930.85	1,404.36	6,396.48	6,140.79	1.01	-0.25	0.120
40.00	-76.85	-8.27	0.00	-645.8	0.00	645.85	5,896.14	1,393.37	6,296.80	6,056.62	1.09	-0.26	0.120
45.00	-73.06	-8.16	0.00	-604.5	0.00	604.49	4,028.71	1,035.84	4,639.55	4,111.86	1.38	-0.3	0.165
50.00	-70.91	-8.06	0.00	-563.7	0.00	563.68	3,959.48	1,008.37	4,396.77	3,933.24	1.72	-0.34	0.161
55.00	-68.79	-7.96	0.00	-523.4	0.00	523.38	3,888.20	980.90	4,160.52	3,756.41	2.09	-0.38	0.157
60.00	-66.71	-7.86	0.00	-483.6	0.00	483.57	3,814.88	953.43	3,930.79	3,581.54	2.52	-0.43	0.153
65.00	-64.67	-7.76	0.00	-444.3	0.00	444.26	3,739.51	925.96	3,707.59	3,408.81	2.99	-0.47	0.148
70.00	-62.67	-7.67	0.00	-405.5	0.00	405.46	3,662.08	898.49	3,490.91	3,238.38	3.51	-0.52	0.142
73.00	-61.48	-7.62	0.00	-382.4	0.00	382.44	3,614.65	882.01	3,364.03	3,137.29	3.85	-0.55	0.139
74.60	-60.55	-7.59	0.00	-370.2	0.00	370.23	3,589.04	873.22	3,297.33	3,083.75	4.04	-0.56	0.137
75.00	-60.33	-7.55	0.00	-367.2	0.00	367.20	3,582.61	871.03	3,280.75	3,070.41	4.08	-0.57	0.137
78.50	-58.38	-7.48	0.00	-340.8	0.00	340.78	2,803.83	721.80	2,703.37	2,392.99	4.51	-0.6	0.163
80.00	-57.85	-7.42	0.00	-329.6	0.00	329.55	2,786.75	714.93	2,652.18	2,355.62	4.7	-0.61	0.161
85.00	-56.11	-7.35	0.00	-292.4	0.00	292.43	2,728.50	692.04	2,485.09	2,231.98	5.37	-0.66	0.152
86.00	-55.53	-7.23	0.00	-284.8	0.00	284.82	2,716.60	687.46	2,452.32	2,207.43	5.51	-0.67	0.150
89.00	-53.63	-7.08	0.00	-263.2	0.00	263.15	2,680.42	673.73	2,355.33	2,134.18	5.95	-0.71	0.143
90.00	-53.29	-7.03	0.00	-256.1	0.00	256.06	2,668.19	669.15	2,323.43	2,109.89	6.1	-0.72	0.141
95.00	-51.65	-6.94	0.00	-220.9	0.00	220.92	2,605.84	646.26	2,167.21	1,989.53	6.87	-0.76	0.131
97.60	-50.35	-6.79	0.00	-202.5	0.00	202.53	2,572.61	634.36	2,088.12	1,927.68	7.29	-0.79	0.125
98.60	-49.63	-6.69	0.00	-195.5	0.00	195.47	2,559.68	629.78	2,058.09	1,904.03	7.46	-0.8	0.122
99.20	-49.10	-6.64	0.00	-191.4	0.00	191.35	2,551.88	627.03	2,040.18	1,889.88	7.56	-0.8	0.121
100.00	-48.85	-6.62	0.00	-186.0	0.00	186.04	2,541.44	623.37	2,016.42	1,871.06	7.7	-0.81	0.119
101.00	-44.66	-6.17	0.00	-179.4	0.00	179.43	2,528.32	618.79	1,986.91	1,847.61	7.87	-0.82	0.115
101.90	-44.03	-6.13	0.00	-173.8	0.00	173.78	2,516.43	614.67	1,960.55	1,826.57	8.02	-0.83	0.113
102.00	-43.61	-6.05	0.00	-173.0	0.00	173.01	2,515.11	614.21	1,957.63	1,824.24	8.04	-0.83	0.112
105.00	-42.68	-5.97	0.00	-154.9	0.00	154.87	2,474.99	600.48	1,871.07	1,754.65	8.57	-0.85	0.106
108.75	-41.54	-5.90	0.00	-132.5	0.00	132.50	2,423.81	583.31	1,765.62	1,668.80	9.25	-0.88	0.097
110.00	-35.86	-5.29	0.00	-125.1	0.00	125.12	2,406.50	577.59	1,731.16	1,640.47	9.48	-0.89	0.091
113.00	-34.64	-5.22	0.00	-109.3	0.00	109.26	1,786.92	458.92	1,366.00	1,211.99	10.05	-0.91	0.110
115.00	-34.11	-5.14	0.00	-98.8	0.00	98.83	1,768.50	451.59	1,322.75	1,180.21	10.44	-0.93	0.103
120.00	-26.60	-4.18	0.00	-73.1	0.00	73.14	1,721.02	433.28	1,217.66	1,101.60	11.43	-0.96	0.082
121.00	-25.00	-3.78	0.00	-69.0	0.00	68.96	1,711.28	429.62	1,197.16	1,086.03	11.63	-0.97	0.078
125.00	-24.11	-3.67	0.00	-53.8	0.00	53.82	1,671.50	414.97	1,116.92	1,024.32	12.46	-0.99	0.067
130.00	-22.63	-3.53	0.00	-35.4	0.00	35.45	1,619.93	396.65	1,020.53	948.55	13.51	-1.02	0.051
132.00	-14.62	-2.46	0.00	-28.4	0.00	28.40	1,598.72	389.33	983.19	918.69	13.94	-1.03	0.040
134.00	-13.81	-2.36	0.00	-23.5	0.00	23.48	1,577.19	382.00	946.55	889.12	14.37	-1.03	0.035
135.00	-13.63	-2.32	0.00	-21.1	0.00	21.12	1,566.31	378.34	928.49	874.44	14.59	-1.04	0.033
137.70	-12.92	-2.24	0.00	-14.8	0.00	14.85	1,536.50	368.45	880.59	835.17	15.18	-1.04	0.026
138.00	-11.96	-2.10	0.00	-14.2	0.00	14.18	1,533.15	367.35	875.35	830.84	15.24	-1.04	0.025
140.00	-4.88	-0.95	0.00	-10.0	0.00	9.98	1,510.64	360.03	840.79	802.17	15.68	-1.05	0.016
145.00	-4.23	-0.85	0.00	-5.2	0.00	5.24	1,446.60	341.72	757.45	728.72	16.78	-1.05	0.010
148.00	0.00	-0.78	0.00	-2.7	0.00	2.68	1,400.09	330.73	709.53	682.38	17.44	-1.06	0.004

CALCULATED FORCES

Load Case: 1.0D + 1.0W — 60 mph Wind with No Ice — 21 Iterations

Gust Response Factor: 1.10
Dead load Factor: 1.00
Wind Load Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-63.62	-7.88	0.00	-866.6	0.00	866.55	6,758.62	1,686.37	9,222.92	8,416.93	0	0	0.112
5.00	-61.55	-7.80	0.00	-827.1	0.00	827.14	6,657.98	1,649.74	8,826.71	8,110.05	0.01	-0.03	0.111
10.00	-59.53	-7.72	0.00	-788.1	0.00	788.14	6,555.29	1,613.12	8,439.20	7,806.21	0.06	-0.05	0.110
15.00	-57.54	-7.64	0.00	-749.5	0.00	749.54	6,450.55	1,576.49	8,060.39	7,505.59	0.13	-0.08	0.109
20.00	-55.58	-7.56	0.00	-711.4	0.00	711.35	6,343.77	1,539.87	7,690.27	7,208.36	0.23	-0.11	0.107
25.00	-53.66	-7.48	0.00	-673.6	0.00	673.56	6,234.93	1,503.25	7,328.86	6,914.68	0.36	-0.14	0.106
30.00	-51.78	-7.40	0.00	-636.2	0.00	636.15	6,124.05	1,466.62	6,976.14	6,624.72	0.53	-0.17	0.105
35.00	-49.93	-7.33	0.00	-599.1	0.00	599.14	6,011.12	1,430.00	6,632.12	6,338.64	0.72	-0.2	0.103
38.50	-48.66	-7.29	0.00	-573.5	0.00	573.47	5,930.85	1,404.36	6,396.48	6,140.79	0.88	-0.22	0.102
40.00	-47.80	-7.24	0.00	-562.5	0.00	562.53	5,896.14	1,393.37	6,296.80	6,056.62	0.95	-0.23	0.101
45.00	-45.01	-7.15	0.00	-526.4	0.00	526.35	4,028.71	1,035.84	4,639.55	4,111.86	1.21	-0.26	0.139
50.00	-43.57	-7.06	0.00	-490.6	0.00	490.62	3,959.48	1,008.37	4,396.77	3,933.24	1.5	-0.29	0.136
55.00	-42.16	-6.98	0.00	-455.3	0.00	455.32	3,888.20	980.90	4,160.52	3,756.41	1.83	-0.33	0.132
60.00	-40.78	-6.89	0.00	-420.4	0.00	420.43	3,814.88	953.43	3,930.79	3,581.54	2.2	-0.37	0.128
65.00	-39.42	-6.81	0.00	-386.0	0.00	385.97	3,739.51	925.96	3,707.59	3,408.81	2.61	-0.41	0.124
70.00	-38.10	-6.73	0.00	-351.9	0.00	351.94	3,662.08	898.49	3,490.91	3,238.38	3.06	-0.45	0.119
73.00	-37.31	-6.69	0.00	-331.8	0.00	331.75	3,614.65	882.01	3,364.03	3,137.29	3.35	-0.48	0.116
74.60	-36.66	-6.66	0.00	-321.0	0.00	321.03	3,589.04	873.22	3,297.33	3,083.75	3.52	-0.49	0.114
75.00	-36.49	-6.63	0.00	-318.4	0.00	318.37	3,582.61	871.03	3,280.75	3,070.41	3.56	-0.49	0.114
78.50	-35.11	-6.57	0.00	-295.2	0.00	295.18	2,803.83	721.80	2,703.37	2,392.99	3.93	-0.52	0.136
80.00	-34.76	-6.51	0.00	-285.3	0.00	285.32	2,786.75	714.93	2,652.18	2,355.62	4.1	-0.53	0.134
85.00	-33.64	-6.45	0.00	-252.8	0.00	252.75	2,728.50	692.04	2,485.09	2,231.98	4.68	-0.58	0.126
86.00	-33.33	-6.33	0.00	-246.0	0.00	246.04	2,716.60	687.46	2,452.32	2,207.43	4.8	-0.59	0.124
89.00	-32.13	-6.21	0.00	-227.1	0.00	227.06	2,680.42	673.73	2,355.33	2,134.18	5.18	-0.61	0.118
90.00	-31.91	-6.16	0.00	-220.8	0.00	220.84	2,668.19	669.15	2,323.43	2,109.89	5.31	-0.62	0.117
95.00	-30.86	-6.08	0.00	-190.1	0.00	190.06	2,605.84	646.26	2,167.21	1,989.53	5.98	-0.66	0.107
97.60	-30.15	-5.93	0.00	-173.9	0.00	173.89	2,572.61	634.36	2,088.12	1,927.68	6.35	-0.68	0.102
98.60	-29.78	-5.83	0.00	-167.7	0.00	167.68	2,559.68	629.78	2,058.09	1,904.03	6.49	-0.69	0.100
99.20	-29.48	-5.78	0.00	-164.1	0.00	164.08	2,551.88	627.03	2,040.18	1,889.88	6.58	-0.7	0.098
100.00	-29.32	-5.76	0.00	-159.4	0.00	159.45	2,541.44	623.37	2,016.42	1,871.06	6.7	-0.7	0.097
101.00	-26.62	-5.35	0.00	-153.7	0.00	153.69	2,528.32	618.79	1,986.91	1,847.61	6.85	-0.71	0.094
101.90	-26.25	-5.31	0.00	-148.8	0.00	148.78	2,516.43	614.67	1,960.55	1,826.57	6.98	-0.72	0.092
102.00	-26.02	-5.23	0.00	-148.1	0.00	148.08	2,515.11	614.21	1,957.63	1,824.24	7	-0.72	0.092
105.00	-25.43	-5.16	0.00	-132.4	0.00	132.39	2,474.99	600.48	1,871.07	1,754.65	7.45	-0.74	0.086
108.75	-24.70	-5.10	0.00	-113.1	0.00	113.06	2,423.81	583.31	1,765.62	1,668.80	8.05	-0.77	0.078
110.00	-21.22	-4.56	0.00	-106.7	0.00	106.69	2,406.50	577.59	1,731.16	1,640.47	8.25	-0.77	0.074
113.00	-20.39	-4.49	0.00	-93.0	0.00	93.02	1,786.92	458.92	1,366.00	1,211.99	8.74	-0.79	0.088
115.00	-20.05	-4.42	0.00	-84.0	0.00	84.03	1,768.50	451.59	1,322.75	1,180.21	9.08	-0.8	0.083
120.00	-15.20	-3.67	0.00	-62.0	0.00	61.95	1,721.02	433.28	1,217.66	1,101.60	9.94	-0.83	0.065
121.00	-14.56	-3.26	0.00	-58.3	0.00	58.28	1,711.28	429.62	1,197.16	1,086.03	10.11	-0.84	0.062
125.00	-13.97	-3.18	0.00	-45.2	0.00	45.24	1,671.50	414.97	1,116.92	1,024.32	10.82	-0.86	0.053
130.00	-13.04	-3.06	0.00	-29.3	0.00	29.34	1,619.93	396.65	1,020.53	948.55	11.74	-0.88	0.039
132.00	-8.45	-2.07	0.00	-23.2	0.00	23.22	1,598.72	389.33	983.19	918.69	12.11	-0.89	0.031
134.00	-7.97	-1.99	0.00	-19.1	0.00	19.07	1,577.19	382.00	946.55	889.12	12.48	-0.89	0.027
135.00	-7.86	-1.96	0.00	-17.1	0.00	17.08	1,566.31	378.34	928.49	874.44	12.67	-0.89	0.025
137.70	-7.45	-1.89	0.00	-11.8	0.00	11.79	1,536.50	368.45	880.59	835.17	13.17	-0.9	0.019
138.00	-6.87	-1.79	0.00	-11.2	0.00	11.23	1,533.15	367.35	875.35	830.84	13.23	-0.9	0.018
140.00	-2.84	-0.75	0.00	-7.7	0.00	7.66	1,510.64	360.03	840.79	802.17	13.61	-0.9	0.011
145.00	-2.45	-0.68	0.00	-3.9	0.00	3.91	1,446.60	341.72	757.45	728.72	14.56	-0.91	0.007
148.00	0.00	-0.65	0.00	-1.9	0.00	1.86	1,400.09	330.73	709.53	682.38	15.13	-0.91	0.003

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

(Based on ASCE7-16 Chapters 11, 12 and 15)

Spectral Response Acceleration for Short Period (S_S):	0.205
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.054
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.219
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.086
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	2.330
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.920
Total Unfactored Dead Load:	63.620 k
Seismic Base Shear (E):	1.910 k

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
49	146.5	223	3,172	0.008	16	278
48	142.5	386	5,204	0.014	26	480
47	139	180	2,311	0.006	12	224
46	137.85	27	344	0.001	2	34
45	136.35	248	3,069	0.008	16	308
44	134.5	116	1,398	0.004	7	144
43	133	234	2,761	0.007	14	291
42	131	286	3,278	0.009	17	356
41	127.5	727	7,917	0.021	40	904
40	123	594	6,042	0.016	31	739
39	120.5	150	1,469	0.004	7	187
38	117.5	815	7,584	0.020	38	1,013
37	114	331	2,906	0.008	15	411
36	111.5	834	7,018	0.019	35	1,037
35	109.375	354	2,876	0.008	15	441
34	106.875	728	5,654	0.015	29	906
33	103.5	592	4,319	0.011	22	736
32	101.95	20	141	0.000	1	25
31	101.45	179	1,258	0.003	6	223
30	100.5	200	1,379	0.004	7	249
29	99.6	161	1,089	0.003	5	200
28	98.9	121	808	0.002	4	150
27	98.1	204	1,340	0.004	7	253
26	96.3	539	3,427	0.009	17	670
25	92.5	1,054	6,200	0.016	31	1,310
24	89.5	213	1,179	0.003	6	265
23	87.5	645	3,414	0.009	17	803
22	85.5	222	1,123	0.003	6	276
21	82.5	1,122	5,304	0.014	27	1,396
20	79.25	341	1,492	0.004	8	424
19	76.75	1,388	5,711	0.015	29	1,727
18	74.8	160	628	0.002	3	199
17	73.8	644	2,458	0.006	12	801
16	71.5	783	2,811	0.007	14	973
15	67.5	1,326	4,264	0.011	22	1,649
14	62.5	1,352	3,753	0.010	19	1,682
13	57.5	1,379	3,261	0.009	16	1,715
12	52.5	1,406	2,792	0.007	14	1,748

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
11	47.5	1,432	2,348	0.006	12	1,781
10	42.5	2,792	3,699	0.010	19	3,472
9	39.25	850	966	0.003	5	1,057
8	36.75	1,271	1,274	0.003	6	1,580
7	32.5	1,845	1,462	0.004	7	2,295
6	27.5	1,881	1,081	0.003	5	2,339
5	22.5	1,916	750	0.002	4	2,383
4	17.5	1,952	472	0.001	2	2,428
3	12.5	1,987	252	0.001	1	2,472
2	7.5	2,023	96	0.000	0	2,516
1	2.5	2,058	12	0.000	0	2,560
Generic 18' Dipole	148	55	797	0.002	4	68
Generic 10' Dipole	148	30	435	0.001	2	37
Generic 11' Omni	148	40	580	0.002	3	50
Generic 48" x 8" Panel	148	240	3,478	0.009	18	298
Generic Flat Low Profile Platform	148	1,875	27,170	0.072	137	2,332
Generic Flat Low Profile Platform	140	1,875	24,424	0.065	123	2,332
Commscope CBC78T-DS-43-2X	140	62	809	0.002	4	77
Kaelus KA-6030	140	35	459	0.001	2	44
Samsung XXDWMM-12.5-65-8T-CBRS	140	69	903	0.002	5	86
Samsung B2/B66A RRH-BR049	140	253	3,298	0.009	17	315
Samsung B5/B13 RRH-BR04C	140	211	2,747	0.007	14	262
RFS DB-C1-12C-24AB-0Z	140	32	417	0.001	2	40
Samsung MT6407-77A	140	245	3,189	0.008	16	304
Generic Mount Reinforcement	140	600	7,816	0.021	39	746
Generic Mount Reinforcement	132	600	6,982	0.018	35	746
Commscope LNX-6514DS-A1M	140	39	505	0.001	3	48
Andrew LNX-8513DS-A1M	140	78	1,021	0.003	5	98
Commscope JAHH-65B-R3B	140	364	4,736	0.012	24	452
Collar	138	560	7,096	0.019	36	696
Collar	89	560	3,061	0.008	15	696
Ericsson RRUS 32 B30 (53 lbs)	137.7	159	2,006	0.005	10	198
Ericsson Air 6449 B77D	134	245	2,932	0.008	15	304
Raycap DC6-48-60-18-8F ("Squid")	132	19	220	0.001	1	24
Ericsson RRUS 8843 B2, B66A	132	216	2,513	0.007	13	269
Ericsson RRUS 4449 B5, B12	132	213	2,479	0.007	13	265
Ericsson RRUS 4478 B14	132	178	2,074	0.006	10	222
Raycap DC9-48-60-24-8C-EV	132	32	372	0.001	2	40
Kathrein Scala 80010964	132	251	2,925	0.008	15	313
CCI DMP65R-BU6EA-K	132	311	3,624	0.010	18	387
Generic Flat Platform with Handrails	132	2,500	29,091	0.077	147	3,109
Generic Flat Platform with Handrails	101	2,500	17,413	0.046	88	3,109
Ericsson AIR 6419 B77G	130	198	2,241	0.006	11	247
RFS APXVAALL24 43-U-NA20	121	491	4,838	0.013	24	611
Ericsson Radio 4460 B25+B66	120	436	4,226	0.011	21	542
Ericsson Radio 4480 B71+B85A	120	336	3,257	0.009	16	418
Ericsson Air6449 B41	120	416	4,032	0.011	20	517
Generic Square Low Profile Platform	120	2,863	27,751	0.073	140	3,561
Commscope RDIDC-9181-PF-48	110	22	180	0.000	1	27
Fujitsu TA08025-B604	110	192	1,573	0.004	8	238
Fujitsu TA08025-B605	110	225	1,846	0.005	9	280
JMA Wireless MX08FRO665-21	110	194	1,587	0.004	8	241
Generic Round Platform with Handrails	110	2,500	20,509	0.054	104	3,109
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	102	210	1,491	0.004	8	261
Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter	101.9	192	1,360	0.004	7	239
Alcatel-Lucent 1900 MHz 4X45 RRH	99.2	180	1,211	0.003	6	224
RFS APXV9TM14-ALU-I20	98.6	165	1,099	0.003	6	206
RFS APXVSPP18-C-A20	97.6	171	1,115	0.003	6	213
RFS APXV18-206517S-C	86	79	405	0.001	2	99
Generic GPS	74.6	10	39	0.000	0	12
	Totals:	**63,618**	**377,898**	**1.000**	**1,909**	**79,124**

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
49	146.5	223	3,172	0.008	16	191
48	142.5	386	5,204	0.014	26	331
47	139	180	2,311	0.006	12	154
46	137.85	27	344	0.001	2	23
45	136.35	248	3,069	0.008	16	212
44	134.5	116	1,398	0.004	7	99
43	133	234	2,761	0.007	14	200
42	131	286	3,278	0.009	17	245
41	127.5	727	7,917	0.021	40	623
40	123	594	6,042	0.016	31	509
39	120.5	150	1,469	0.004	7	129
38	117.5	815	7,584	0.020	38	698
37	114	331	2,906	0.008	15	283
36	111.5	834	7,018	0.019	35	714
35	109.375	354	2,876	0.008	15	304
34	106.875	728	5,654	0.015	29	624
33	103.5	592	4,319	0.011	22	507
32	101.95	20	141	0.000	1	17
31	101.45	179	1,258	0.003	6	153
30	100.5	200	1,379	0.004	7	171
29	99.6	161	1,089	0.003	5	137
28	98.9	121	808	0.002	4	103
27	98.1	204	1,340	0.004	7	174
26	96.3	539	3,427	0.009	17	462
25	92.5	1,054	6,200	0.016	31	902
24	89.5	213	1,179	0.003	6	183
23	87.5	645	3,414	0.009	17	553
22	85.5	222	1,123	0.003	6	190
21	82.5	1,122	5,304	0.014	27	961
20	79.25	341	1,492	0.004	8	292
19	76.75	1,388	5,711	0.015	29	1,189
18	74.8	160	628	0.002	3	137
17	73.8	644	2,458	0.006	12	551
16	71.5	783	2,811	0.007	14	670
15	67.5	1,326	4,264	0.011	22	1,135
14	62.5	1,352	3,753	0.010	19	1,158
13	57.5	1,379	3,261	0.009	16	1,181
12	52.5	1,406	2,792	0.007	14	1,203
11	47.5	1,432	2,348	0.006	12	1,226
10	42.5	2,792	3,699	0.010	19	2,391
9	39.25	850	966	0.003	5	728
8	36.75	1,271	1,274	0.003	6	1,088
7	32.5	1,845	1,462	0.004	7	1,580
6	27.5	1,881	1,081	0.003	5	1,610
5	22.5	1,916	750	0.002	4	1,641
4	17.5	1,952	472	0.001	2	1,671
3	12.5	1,987	252	0.001	1	1,702
2	7.5	2,023	96	0.000	0	1,732
1	2.5	2,058	12	0.000	0	1,762
Generic 18' Dipole	148	55	797	0.002	4	47
Generic 10' Dipole	148	30	435	0.001	2	26
Generic 11' Omni	148	40	580	0.002	3	34
Generic 48" x 8" Panel	148	240	3,478	0.009	18	206
Generic Flat Low Profile Platform	148	1,875	27,170	0.072	137	1,606
Generic Flat Low Profile Platform	140	1,875	24,424	0.065	123	1,606

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
Commscope CBC78T-DS-43-2X	140	62	809	0.002	4	53
Kaelus KA-6030	140	35	459	0.001	2	30
Samsung XXDWMM-12.5-65-8T-CBRS	140	69	903	0.002	5	59
Samsung B2/B66A RRH-BR049	140	253	3,298	0.009	17	217
Samsung B5/B13 RRH-BR04C	140	211	2,747	0.007	14	181
RFS DB-C1-12C-24AB-0Z	140	32	417	0.001	2	27
Samsung MT6407-77A	140	245	3,189	0.008	16	210
Generic Mount Reinforcement	140	600	7,816	0.021	39	514
Generic Mount Reinforcement	132	600	6,982	0.018	35	514
Commscope LNX-6514DS-A1M	140	39	505	0.001	3	33
Andrew LNX-8513DS-A1M	140	78	1,021	0.003	5	67
Commscope JAHH-65B-R3B	140	364	4,736	0.012	24	311
Collar	138	560	7,096	0.019	36	480
Collar	89	560	3,061	0.008	15	480
Ericsson RRUS 32 B30 (53 lbs)	137.7	159	2,006	0.005	10	136
Ericsson Air 6449 B77D	134	245	2,932	0.008	15	210
Raycap DC6-48-60-18-8F ("Squid")	132	19	220	0.001	1	16
Ericsson RRUS 8843 B2, B66A	132	216	2,513	0.007	13	185
Ericsson RRUS 4449 B5, B12	132	213	2,479	0.007	13	182
Ericsson RRUS 4478 B14	132	178	2,074	0.006	10	153
Raycap DC9-48-60-24-8C-EV	132	32	372	0.001	2	27
Kathrein Scala 80010964	132	251	2,925	0.008	15	215
CCI DMP65R-BU6EA-K	132	311	3,624	0.010	18	267
Generic Flat Platform with Handrails	132	2,500	29,091	0.077	147	2,141
Generic Flat Platform with Handrails	101	2,500	17,413	0.046	88	2,141
Ericsson AIR 6419 B77G	130	198	2,241	0.006	11	170
RFS APXVAALL24 43-U-NA20	121	491	4,838	0.013	24	421
Ericsson Radio 4460 B25+B66	120	436	4,226	0.011	21	373
Ericsson Radio 4480 B71+B85A	120	336	3,257	0.009	16	288
Ericsson Air6449 B41	120	416	4,032	0.011	20	356
Generic Square Low Profile Platform	120	2,863	27,751	0.073	140	2,451
Commscope RDIDC-9181-PF-48	110	22	180	0.000	1	19
Fujitsu TA08025-B604	110	192	1,573	0.004	8	164
Fujitsu TA08025-B605	110	225	1,846	0.005	9	193
JMA Wireless MX08FRO665-21	110	194	1,587	0.004	8	166
Generic Round Platform with Handrails	110	2,500	20,509	0.054	104	2,141
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	102	210	1,491	0.004	8	180
Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter	101.9	192	1,360	0.004	7	164
Alcatel-Lucent 1900 MHz 4X45 RRH	99.2	180	1,211	0.003	6	154
RFS APXV9TM14-ALU-I20	98.6	165	1,099	0.003	6	142
RFS APXVSPP18-C-A20	97.6	171	1,115	0.003	6	146
RFS APXV18-206517S-C	86	79	405	0.001	2	68
Generic GPS	74.6	10	39	0.000	0	9
	Totals:	**63,618**	**377,898**	**1.000**	**1,909**	**54,474**

1.2D + 1.0Ev + 1.0Eh **Seismic**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-76.56	-1.91	0.00	-232.86	0.00	232.86	6,758.62	1,686.37	9,223	8,416.93	0.00	0.00	0.04
5.00	-74.05	-1.92	0.00	-223.31	0.00	223.31	6,657.98	1,649.74	8,827	8,110.05	0.00	-0.01	0.04
10.00	-71.58	-1.93	0.00	-213.70	0.00	213.70	6,555.29	1,613.12	8,439	7,806.21	0.02	-0.01	0.04
15.00	-69.15	-1.93	0.00	-204.06	0.00	204.06	6,450.55	1,576.49	8,060	7,505.59	0.04	-0.02	0.04
20.00	-66.76	-1.94	0.00	-194.39	0.00	194.39	6,343.77	1,539.87	7,690	7,208.36	0.06	-0.03	0.04
25.00	-64.43	-1.94	0.00	-184.70	0.00	184.70	6,234.93	1,503.25	7,329	6,914.68	0.10	-0.04	0.04
30.00	-62.13	-1.94	0.00	-174.99	0.00	174.99	6,124.05	1,466.62	6,976	6,624.72	0.14	-0.05	0.04
35.00	-60.55	-1.94	0.00	-165.29	0.00	165.29	6,011.12	1,430.00	6,632	6,338.64	0.20	-0.05	0.04
38.50	-59.49	-1.94	0.00	-158.50	0.00	158.50	5,930.85	1,404.36	6,396	6,140.79	0.24	-0.06	0.04
40.00	-56.02	-1.92	0.00	-155.59	0.00	155.59	5,896.14	1,393.37	6,297	6,056.62	0.26	-0.06	0.04

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
45.00	-54.24	-1.92	0.00	-145.98	0.00	145.98	4,028.71	1,035.84	4,640	4,111.86	0.33	-0.07	0.05
50.00	-52.49	-1.91	0.00	-136.40	0.00	136.40	3,959.48	1,008.37	4,397	3,933.24	0.41	-0.08	0.05
55.00	-50.77	-1.90	0.00	-126.85	0.00	126.85	3,888.20	980.90	4,161	3,756.41	0.50	-0.09	0.05
60.00	-49.09	-1.89	0.00	-117.36	0.00	117.36	3,814.88	953.43	3,931	3,581.54	0.60	-0.10	0.05
65.00	-47.44	-1.87	0.00	-107.92	0.00	107.92	3,739.51	925.96	3,708	3,408.81	0.71	-0.11	0.04
70.00	-46.47	-1.86	0.00	-98.56	0.00	98.56	3,662.08	898.49	3,491	3,238.38	0.84	-0.12	0.04
73.00	-45.67	-1.85	0.00	-92.97	0.00	92.97	3,614.65	882.01	3,364	3,137.29	0.92	-0.13	0.04
74.60	-45.46	-1.85	0.00	-90.00	0.00	90.00	3,589.04	873.22	3,297	3,083.75	0.96	-0.14	0.04
75.00	-43.73	-1.82	0.00	-89.26	0.00	89.26	3,582.61	871.03	3,281	3,070.41	0.98	-0.14	0.04
78.50	-43.31	-1.82	0.00	-82.89	0.00	82.89	2,803.83	721.80	2,703	2,392.99	1.08	-0.14	0.05
80.00	-41.91	-1.79	0.00	-80.16	0.00	80.16	2,786.75	714.93	2,652	2,355.62	1.12	-0.15	0.05
85.00	-41.63	-1.79	0.00	-71.20	0.00	71.20	2,728.50	692.04	2,485	2,231.98	1.29	-0.16	0.05
86.00	-40.73	-1.77	0.00	-69.41	0.00	69.41	2,716.60	687.46	2,452	2,207.43	1.32	-0.16	0.05
89.00	-39.77	-1.75	0.00	-64.09	0.00	64.09	2,680.42	673.73	2,355	2,134.18	1.42	-0.17	0.05
90.00	-38.46	-1.72	0.00	-62.33	0.00	62.33	2,668.19	669.15	2,323	2,109.89	1.46	-0.17	0.04
95.00	-37.79	-1.71	0.00	-53.72	0.00	53.72	2,605.84	646.26	2,167	1,989.53	1.65	-0.18	0.04
97.60	-37.32	-1.70	0.00	-49.28	0.00	49.28	2,572.61	634.36	2,088	1,927.68	1.75	-0.19	0.04
98.60	-36.97	-1.69	0.00	-47.58	0.00	47.58	2,559.68	629.78	2,058	1,904.03	1.79	-0.19	0.04
99.20	-36.54	-1.68	0.00	-46.57	0.00	46.57	2,551.88	627.03	2,040	1,889.88	1.81	-0.19	0.04
100.00	-36.30	-1.67	0.00	-45.23	0.00	45.23	2,541.44	623.37	2,016	1,871.06	1.85	-0.20	0.04
101.00	-32.96	-1.56	0.00	-43.56	0.00	43.56	2,528.32	618.79	1,987	1,847.61	1.89	-0.20	0.04
101.90	-32.70	-1.56	0.00	-42.15	0.00	42.15	2,516.43	614.67	1,961	1,826.57	1.92	-0.20	0.04
102.00	-31.70	-1.53	0.00	-42.00	0.00	42.00	2,515.11	614.21	1,958	1,824.24	1.93	-0.20	0.04
105.00	-30.80	-1.50	0.00	-37.42	0.00	37.42	2,474.99	600.48	1,871	1,754.65	2.06	-0.21	0.03
108.75	-30.36	-1.48	0.00	-31.80	0.00	31.80	2,423.81	583.31	1,766	1,668.80	2.22	-0.21	0.03
110.00	-25.42	-1.30	0.00	-29.95	0.00	29.95	2,406.50	577.59	1,731	1,640.47	2.28	-0.22	0.03
113.00	-25.01	-1.29	0.00	-26.04	0.00	26.04	1,786.92	458.92	1,366	1,211.99	2.41	-0.22	0.04
115.00	-24.00	-1.25	0.00	-23.46	0.00	23.46	1,768.50	451.59	1,323	1,180.21	2.51	-0.22	0.03
120.00	-18.78	-1.02	0.00	-17.22	0.00	17.22	1,721.02	433.28	1,218	1,101.60	2.75	-0.23	0.03
121.00	-17.43	-0.96	0.00	-16.20	0.00	16.20	1,711.28	429.62	1,197	1,086.03	2.79	-0.23	0.03
125.00	-16.52	-0.92	0.00	-12.34	0.00	12.34	1,671.50	414.97	1,117	1,024.32	2.99	-0.24	0.02
130.00	-15.92	-0.89	0.00	-7.73	0.00	7.73	1,619.93	396.65	1,021	948.55	3.25	-0.24	0.02
132.00	-10.25	-0.60	0.00	-5.94	0.00	5.94	1,598.72	389.33	983	918.69	3.35	-0.25	0.01
134.00	-9.81	-0.58	0.00	-4.74	0.00	4.74	1,577.19	382.00	947	889.12	3.45	-0.25	0.01
135.00	-9.50	-0.56	0.00	-4.17	0.00	4.17	1,566.31	378.34	928	874.44	3.51	-0.25	0.01
137.70	-9.27	-0.55	0.00	-2.65	0.00	2.65	1,536.50	368.45	881	835.17	3.65	-0.25	0.01
138.00	-8.35	-0.50	0.00	-2.49	0.00	2.49	1,533.15	367.35	875	830.84	3.66	-0.25	0.01
140.00	-3.06	-0.19	0.00	-1.49	0.00	1.49	1,510.64	360.03	841	802.17	3.77	-0.25	0.00
145.00	-2.79	-0.18	0.00	-0.53	0.00	0.53	1,446.60	341.72	757	728.72	4.03	-0.25	0.00
148.00	0.00	-0.16	0.00	0.00	0.00	0.00	1,400.09	330.73	710	682.38	4.19	-0.25	0.00

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-52.71	-1.91	0.00	-229.41	0.00	229.41	6,758.62	1,686.37	9,223	8,416.93	0.00	0.00	0.04
5.00	-50.98	-1.92	0.00	-219.86	0.00	219.86	6,657.98	1,649.74	8,827	8,110.05	0.00	-0.01	0.04
10.00	-49.28	-1.92	0.00	-210.28	0.00	210.28	6,555.29	1,613.12	8,439	7,806.21	0.02	-0.01	0.03
15.00	-47.61	-1.92	0.00	-200.67	0.00	200.67	6,450.55	1,576.49	8,060	7,505.59	0.03	-0.02	0.03
20.00	-45.96	-1.93	0.00	-191.05	0.00	191.05	6,343.77	1,539.87	7,690	7,208.36	0.06	-0.03	0.03
25.00	-44.35	-1.93	0.00	-181.42	0.00	181.42	6,234.93	1,503.25	7,329	6,914.68	0.10	-0.04	0.03
30.00	-42.77	-1.92	0.00	-171.79	0.00	171.79	6,124.05	1,466.62	6,976	6,624.72	0.14	-0.05	0.03
35.00	-41.69	-1.92	0.00	-162.18	0.00	162.18	6,011.12	1,430.00	6,632	6,338.64	0.19	-0.05	0.03
38.50	-40.96	-1.92	0.00	-155.45	0.00	155.45	5,930.85	1,404.36	6,396	6,140.79	0.23	-0.06	0.03
40.00	-38.57	-1.90	0.00	-152.58	0.00	152.58	5,896.14	1,393.37	6,297	6,056.62	0.25	-0.06	0.03
45.00	-37.34	-1.89	0.00	-143.07	0.00	143.07	4,028.71	1,035.84	4,640	4,111.86	0.32	-0.07	0.04
50.00	-36.14	-1.88	0.00	-133.61	0.00	133.61	3,959.48	1,008.37	4,397	3,933.24	0.40	-0.08	0.04
55.00	-34.96	-1.87	0.00	-124.19	0.00	124.19	3,888.20	980.90	4,161	3,756.41	0.49	-0.09	0.04
60.00	-33.80	-1.86	0.00	-114.83	0.00	114.83	3,814.88	953.43	3,931	3,581.54	0.59	-0.10	0.04

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
65.00	-32.66	-1.84	0.00	-105.54	0.00	105.54	3,739.51	925.96	3,708	3,408.81	0.70	-0.11	0.04
70.00	-31.99	-1.83	0.00	-96.34	0.00	96.34	3,662.08	898.49	3,491	3,238.38	0.82	-0.12	0.04
73.00	-31.44	-1.82	0.00	-90.86	0.00	90.86	3,614.65	882.01	3,364	3,137.29	0.90	-0.13	0.04
74.60	-31.29	-1.82	0.00	-87.95	0.00	87.95	3,589.04	873.22	3,297	3,083.75	0.95	-0.13	0.04
75.00	-30.11	-1.79	0.00	-87.22	0.00	87.22	3,582.61	871.03	3,281	3,070.41	0.96	-0.13	0.04
78.50	-29.81	-1.78	0.00	-80.97	0.00	80.97	2,803.83	721.80	2,703	2,392.99	1.06	-0.14	0.04
80.00	-28.85	-1.76	0.00	-78.29	0.00	78.29	2,786.75	714.93	2,652	2,355.62	1.10	-0.14	0.04
85.00	-28.66	-1.75	0.00	-69.51	0.00	69.51	2,728.50	692.04	2,485	2,231.98	1.26	-0.16	0.04
86.00	-28.04	-1.74	0.00	-67.76	0.00	67.76	2,716.60	687.46	2,452	2,207.43	1.29	-0.16	0.04
89.00	-27.38	-1.71	0.00	-62.55	0.00	62.55	2,680.42	673.73	2,355	2,134.18	1.40	-0.17	0.04
90.00	-26.48	-1.68	0.00	-60.84	0.00	60.84	2,668.19	669.15	2,323	2,109.89	1.43	-0.17	0.04
95.00	-26.02	-1.67	0.00	-52.42	0.00	52.42	2,605.84	646.26	2,167	1,989.53	1.62	-0.18	0.04
97.60	-25.69	-1.66	0.00	-48.08	0.00	48.08	2,572.61	634.36	2,088	1,927.68	1.72	-0.19	0.04
98.60	-25.45	-1.65	0.00	-46.43	0.00	46.43	2,559.68	629.78	2,058	1,904.03	1.75	-0.19	0.03
99.20	-25.16	-1.64	0.00	-45.44	0.00	45.44	2,551.88	627.03	2,040	1,889.88	1.78	-0.19	0.03
100.00	-24.99	-1.63	0.00	-44.13	0.00	44.13	2,541.44	623.37	2,016	1,871.06	1.81	-0.19	0.03
101.00	-22.69	-1.53	0.00	-42.50	0.00	42.50	2,528.32	618.79	1,987	1,847.61	1.85	-0.19	0.03
101.90	-22.51	-1.52	0.00	-41.12	0.00	41.12	2,516.43	614.67	1,961	1,826.57	1.89	-0.20	0.03
102.00	-21.82	-1.49	0.00	-40.97	0.00	40.97	2,515.11	614.21	1,958	1,824.24	1.89	-0.20	0.03
105.00	-21.20	-1.46	0.00	-36.50	0.00	36.50	2,474.99	600.48	1,871	1,754.65	2.02	-0.20	0.03
108.75	-20.90	-1.45	0.00	-31.02	0.00	31.02	2,423.81	583.31	1,766	1,668.80	2.18	-0.21	0.03
110.00	-17.50	-1.27	0.00	-29.22	0.00	29.22	2,406.50	577.59	1,731	1,640.47	2.23	-0.21	0.03
113.00	-17.22	-1.26	0.00	-25.40	0.00	25.40	1,786.92	458.92	1,366	1,211.99	2.37	-0.22	0.03
115.00	-16.52	-1.22	0.00	-22.89	0.00	22.89	1,768.50	451.59	1,323	1,180.21	2.46	-0.22	0.03
120.00	-12.92	-1.00	0.00	-16.80	0.00	16.80	1,721.02	433.28	1,218	1,101.60	2.69	-0.23	0.02
121.00	-12.00	-0.94	0.00	-15.80	0.00	15.80	1,711.28	429.62	1,197	1,086.03	2.74	-0.23	0.02
125.00	-11.37	-0.90	0.00	-12.04	0.00	12.04	1,671.50	414.97	1,117	1,024.32	2.93	-0.23	0.02
130.00	-10.96	-0.87	0.00	-7.55	0.00	7.55	1,619.93	396.65	1,021	948.55	3.18	-0.24	0.02
132.00	-7.06	-0.59	0.00	-5.80	0.00	5.80	1,598.72	389.33	983	918.69	3.28	-0.24	0.01
134.00	-6.75	-0.56	0.00	-4.63	0.00	4.63	1,577.19	382.00	947	889.12	3.38	-0.24	0.01
135.00	-6.54	-0.55	0.00	-4.07	0.00	4.07	1,566.31	378.34	928	874.44	3.44	-0.24	0.01
137.70	-6.38	-0.53	0.00	-2.59	0.00	2.59	1,536.50	368.45	881	835.17	3.57	-0.24	0.01
138.00	-5.75	-0.48	0.00	-2.43	0.00	2.43	1,533.15	367.35	875	830.84	3.59	-0.24	0.01
140.00	-2.11	-0.19	0.00	-1.46	0.00	1.46	1,510.64	360.03	841	802.17	3.69	-0.25	0.00
145.00	-1.92	-0.17	0.00	-0.52	0.00	0.52	1,446.60	341.72	757	728.72	3.95	-0.25	0.00
148.00	0.00	-0.16	0.00	0.00	0.00	0.00	1,400.09	330.73	710	682.38	4.10	-0.25	0.00

ANALYSIS SUMMARY

	Base Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	37.05	0.00	76.30	0.00	0.00	4099.95	45.00	0.62
0.9D + 1.0W	37.02	0.00	57.21	0.00	0.00	4052.26	45.00	0.61
1.2D + 1.0Di + 1.0Wi	9.02	0.00	99.25	0.00	0.00	993.78	45.00	0.17
1.2D + 1.0Ev + 1.0Eh	1.94	0.00	76.56	0.00	0.00	232.86	78.50	0.05
0.9D - 1.0Ev + 1.0Eh	1.93	0.00	52.71	0.00	0.00	229.41	78.50	0.04
1.0D + 1.0W	7.88	0.00	63.62	0.00	0.00	866.55	45.00	0.14

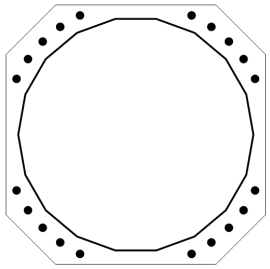
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
4099.95	76.3	37.05

PLATE PARAMETERS (ID# 26780)

Width:	68	in
Shape:	Square	
Thickness:	3.25	in
Grade:	A572-50	
Yield Strength:	50	ksi
Tensile Strength:	65	ksi
Clip Length:	13	in
Rod Detail Type:	d	
Clear Distance	3	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	225	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#27481]	Cluster	20	2.25	69	A615-75	75	100	6	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	61.0499"ø x 0.5" (18 Sides)	94.6294	-	-	43375.28	-
Bolt Group	Original (20) 2.25"ø	3.9761	3.2477	0.8393	35787.17	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	61.0499"ø x 0.5" (18 Sides)	4100.0	76.30	37.05	1.000
Bolt Group	Original (20) 2.25"ø	4100.0	-	37.05	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	61.18	in	Flat Width:	10.787	in	Neutral Axis:	225	°
Point-to-Point Diameter:	62.12	in	Flat Radians:	0.349	rad			
Orientation Offset:	-	°						

PLATE PROPERTIES

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment M_u (k-in)	Moment Capacity ΦM_n (k-in)	Flexure Result $M_u/\Phi M_n$
Flats	34.992	0.00	92.400	1199.4	4158.0	28.8%
Corners	34.048	0.00	89.908	851.2	4045.8	21.0%

PLASTIC ANCHOR ROD ANALYSIS

Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Interaction Result
Original	20	2.25	133.7	3.2	243.6	57.5%

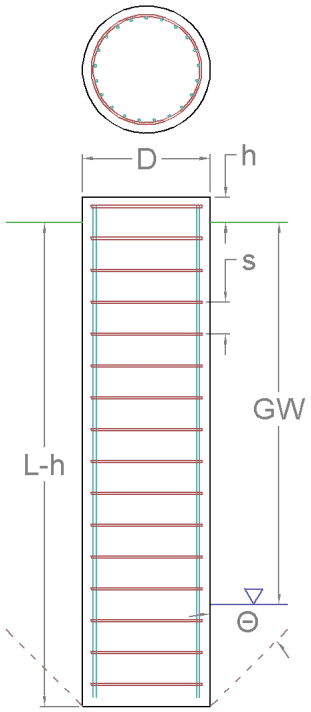
PIER FOUNDATION ANALYSIS

GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
4,099.95	76.30	37.05

FOUNDATION PARAMETERS

Pier Diameter:	D	7.00	ft
Pier Embedment Depth:	L-h	26.0	ft
Pier Height above Grade:	h	1.00	ft
Concrete Compressive Strength:		4,000	psi
Vertical Rebar:		(30) #11 bars [60 ksi]	
Tie Rebar:	s	#5 bars @ 12.0" c/c [60 ksi]	
Rebar Clear Cover:		4.00	in



SOIL PARAMETERS

Water Table Depth [BGL]: GW 9 ft

Layer Depth (ft) Top	Layer Depth (ft) Bottom	Unit Weight pcf	Cohesion psf	Friction Angle °	Ultimate Skin Friction psf	Ultimate Net Bearing psf
0	2	105	0	0	0	0
2	3	131	0	40	300	0
3	5	129	0	37	550	0
5	7	125	0	33	800	0
7	9	120	0	31	1,050	0
9	15.5	128	0	35	1,450	0
15.5	27	140	16,650	0	7,450	41,200

SOIL STRENGTH ANALYSIS

Volume of Concrete (ft^3)	Buoyant Weight of Concrete (k)	Skin Friction Resistance (k)	Inflection Point [BGL] (ft)
1,039.08	115.04	2,039.68	20.48

SOIL MOMENT ANALYSIS

Total Lateral Resistance (k)	Moment at Inflection Point, M_u (k-ft)	Additional Resistance (k-ft)	Nominal Moment Capacity, ΦM_n (k-ft)	Soil Moment Usage, $M_u / \Phi M_n$
9,204.21	4,895.71	0.00	22,473.30	**21.8%**

SOIL COMPRESSION ANALYSIS

Compressive Bearing Resistance (k)	Compressive Force, P_u (k)	Additional Resistance (k)	Nominal Compressive Capacity, ΦP_n (k)	Soil Compressive Usage, $P_u / \Phi P_n$
1,585.56	99.81	0.00	2,718.93	**3.7%**

REINFORCING STEEL STRENGTH ANALYSIS

Rebar Cage Diameter (in)	Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
73.34	29,000	0.9	0.75	0.65

PIER REINFORCING MOMENT ANALYSIS

Design Moment, M_u (k-ft)	Nominal Moment Capacity, $\Phi_b M_n$ (k-ft)	Bending Reinforcement Ratio	Pier Rebar Flexure Usage, $M_u/\Phi_b M_n$
4,139.48	7,558.56	0.01	**54.8%**

PIER REINFORCING COMPRESSION ANALYSIS

Buoyant Weight of Concrete (k)	Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
115.04	99.81	11,175.27	**0.9%**

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
576.96	685.60	**84.2%**

EXHIBIT 4

Colliers Engineering & Design CT, P.C
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207605
Colliers Engineering & Design CT, P.C. Project #: 23777179

July 24, 2023

Site Information	*Site ID:*	*5000124943-VZW / MADISON 2 CT*
	Site Name:	*MADISON 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*8 Meeting House Lane* *Madison, Connecticut 06443* *New Haven County*
	Latitude:	*41.286099°*
	Longitude:	*-72.601676°*
Structure Information	*Tower Type:*	*148-Ft Monopole*
	Mount Type:	*14.00-Ft Platform*

FUZE ID # 17123802

Analysis Results

Platform: **83.3% Pass***

***Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

******Contractor PMI Requirements***:
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com

For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Prasanna Dhakal

STATE OF CONNECTICUT DEJIAN XU No. 33733 LICENSED PROFESSIONAL ENGINEER

07/24/2023

Executive Summary:

The objective of this report is to determine the capacity of the antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

This analysis is inclusive of the mount structure only and does not address the structural capacity of the supporting structure. This mounting frame was not analyzed as an anchor attachment point for fall protection. All climbing activities are required to have a fall protection plan completed by a competent person.

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 324273, dated March 16, 2021*
Desktop Mount Mapping Form	*Colliers Engineering & Design, Project #: 21777433A, dated April 9, 2021*
Previous Mount Modification Analysis	*Maser Consulting Connecticut, Project #: 21777433, dated June 29, 2021*
Antenna Mount Post-Modification Inspection Report	*Colliers Engineering & Design, Project #: 21777433, dated March 14, 2023*
Final Loading Configuration	*Filter Add Scope Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards: ANSI/TIA-222-H
2022 Connecticut State Building Code (CSBC), Effective October 1, 2022

Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.999
Seismic Parameters:	S_S:	0.206 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

The following equipment has been considered for the analysis of the mount:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
140.00	140.00	2	KAelus	KA-6030	Added
		3	Samsung	MT6407-77A	Retained
		6	Andrew	JAHH-65B-R3B	
		1	Andrew	LNX-6514DS-A1M	
		2	Andrew	LNX-8513DS-A1M	
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		3	Commscope	CBC78T-DS-43-2X	
		1	RFS	DB-C1-12C-24AB-0Z	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount.

It is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required unless replacing an existing OVP.

Model Number	Ports	AKA
DB-B1-6C-12AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design CT, P.C. and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design CT, P.C. to verify deviation will not adversely impact the analysis.

2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

   Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping and reported in the Mount Mapping Report are assumed to be corrected and documented as part of the PMI process and are not considered in the mount analysis.

   The mount analysis and the mount mapping are not a condition assessment of the mount. Proper maintenance and condition assessments are still required post analysis.

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design CT, P.C. is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - Bolts — ASTM A325

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Colliers Engineering & Design CT, P.C.

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	*23.9%*	*Pass*
Mount Pipe	*68.5%*	*Pass*
Grating Angle	*10.2%*	*Pass*
Face Horizontal	*48.3%*	*Pass*
Platform Crossmember	*83.3%*	*Pass*
Modified Face Horizontal	*24.6%*	*Pass*
Support Rail	*39.8%*	*Pass*
Support Rail Corner Angle	*15.1%*	*Pass*
V-Bracing Kit	*12.4%*	*Pass*
Unistrut Bracing	*2.4%*	*Pass*
Mount Connection	*16.3%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**83.3%**

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	37.1	37.1	51.0	51.0
0.5	45.4	45.4	65.2	65.2
1	53.4	53.4	79.0	79.0

Notes:
- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sectors.
- Ka factors included in (EPA)a calculations

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

1. Contractor shall record all dimensions and member sizes requested in the Mount Geometry Verification Requirements section of the Mount Analysis report. Contractor shall provide the requested information to Colliers Engineering & Design CT, P.C. for structural verification while on site. Contact EOR if these documents are not available to the general contractor.

If required, ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other. Separate review fees will apply.

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Desktop Mount Mapping Form (for reference only)
5. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com.

For additional questions and support, please reach out to pmisupport@colliersengineering.com

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MDG #: 5000124943 SMART Project #: 10207605 Fuze Project ID: 17123802

Purpose – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the installation was completed in accordance with this Passing Mount Analysis.
- Contractor shall relay any data that can impact the performance of the mount, this includes safety issues.

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built mount drawings" showing contractor's name, contact information, preparer's signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: ***https://pmi.vzwsmart.com***

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation.
  - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- *Photos taken at Mount Elevation*
  - Photos showing the safety climb wire rope above and below the mount prior to installation.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.

        - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
    - Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

Special Instructions / Validation as required from the MA or any other information the contractor deems necessary to share that was identified:

Issue:

2. Contractor shall record all dimensions and member sizes requested in the Mount Geometry Verification Requirements section of the Mount Analysis report. Contractor shall provide the requested information to Colliers Engineering & Design CT, P.C. for structural verification while on site. Contact EOR if these documents are not available to the general contractor.

Response:

Special Instruction Confirmation:

☐ The contractor has read and acknowledges the above special instructions.

☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

☐ The material utilized was approved by a SMART Tool engineering vendor as an “equivalent” and this approval is included as part of the contractor submission.

Comments:

Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

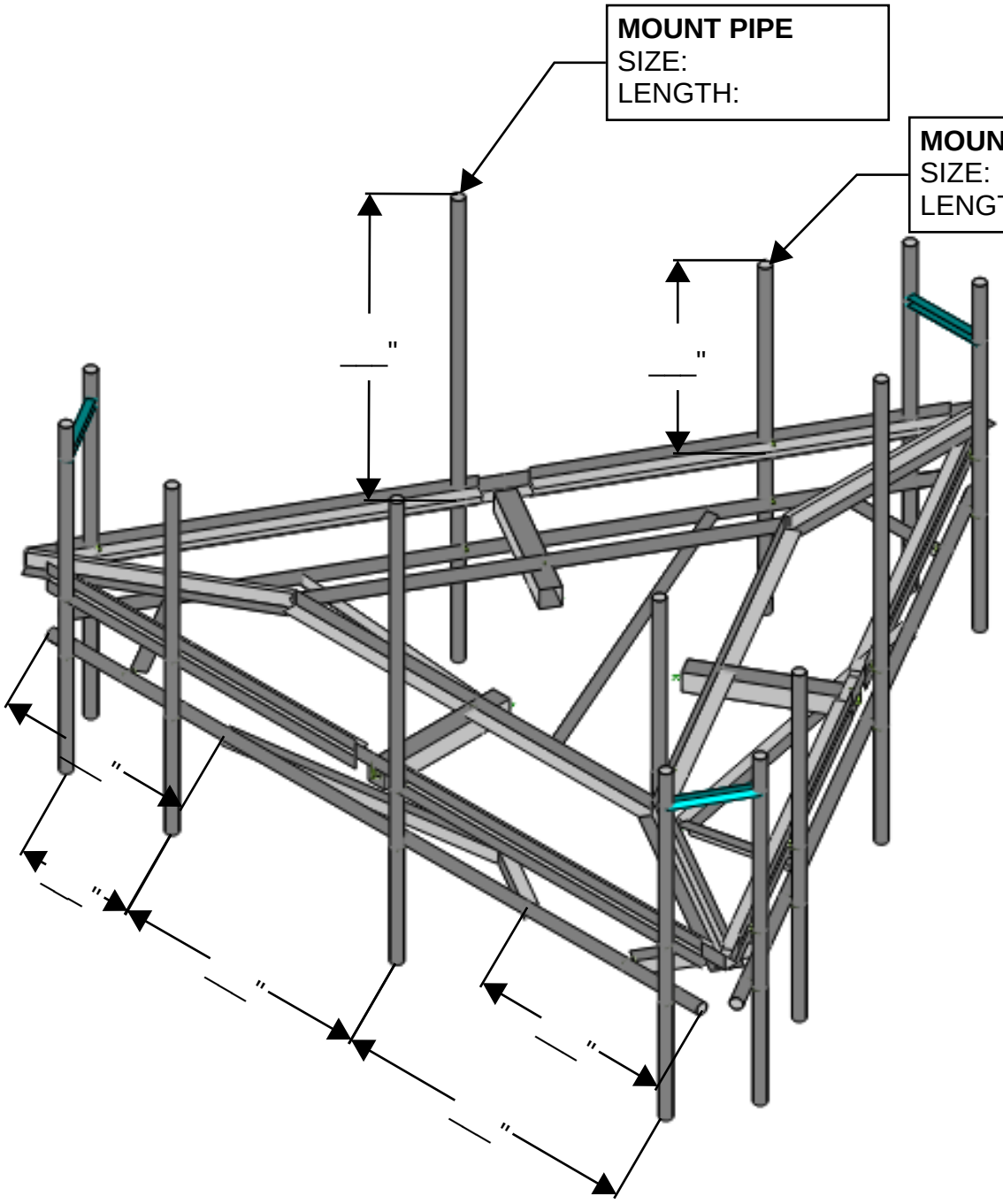
Contractor to certify the condition of the safety climb and verify no damage when leaving the site:

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	

MOUNT GEOMETRY VERIFICATION



MOUNT ISOMETRIC VIEW
N.T.S

CONTRACTOR SHALL MEASURE ALL DIMENSIONS AND MEMBER SIZES REQUESTED ON THIS SKETCH. RECORD VIA PHOTOS AND MARKUPS ON THIS PAGE. PROVIDE PHOTOS AND MARKED-UP SKETCH TO THE EOR FOR EVALUATION.

MOUNT GEOMETRY VERIFICATION

STANDARD PIPE DIMENSIONS				
		THICKNESS (IN.)		
PIPE SIZE	O.D. (IN.)	STD	XSTR	XXSTR
P1 1/2	1.900	0.145	0.200	0.400
P2	2.375	0.154	0.218	0.436
P2 1/2	2.875	0.203	0.276	0.552
P3	3.500	0.216	0.300	0.600
P3 1/2	4.000	0.226	0.318	0.636
P4	4.500	0.237	0.337	0.674
P4 1/2	5.000	0.247	0.355	0.710
P5	5.563	0.258	0.375	0.750
P6	6.625	0.280	0.432	0.864

CONTRACTOR SHALL USE MEMBER SIZES AND DETAILS TO FACILITATE GEOMETRY VERIFICATION. CONTACT EOR FOR ADDITIONAL CLARIFICATION IF NEEDED

Structure: 00012 3-VZW - MADISON 2 CT

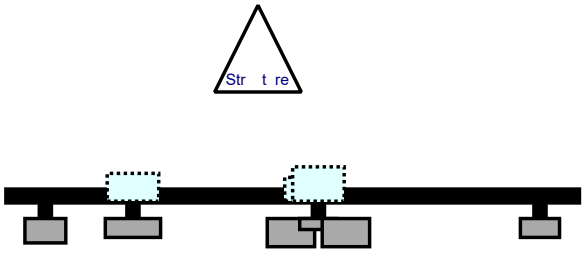
Se tor: **A** 7/24/2023

Str t re Type: Mo opole 10207605

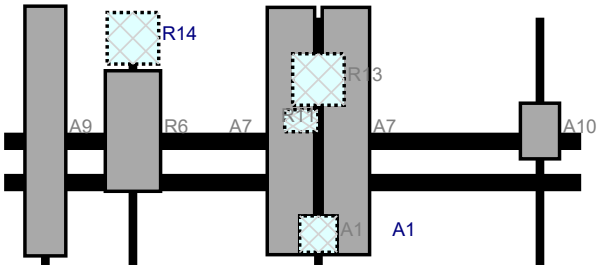
Mo t Elev: 140.00 P ge: 1

Colliers Engineering & Design

Plan View



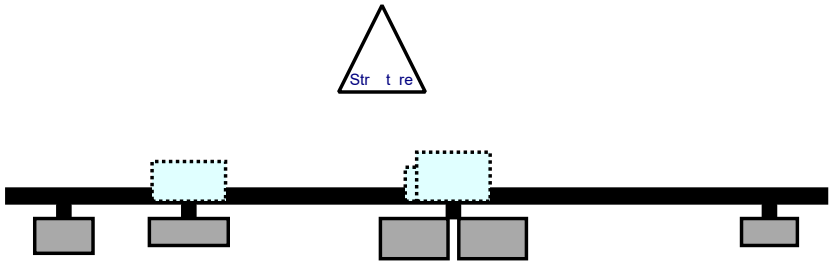
Front View - Loo i g t Str t re



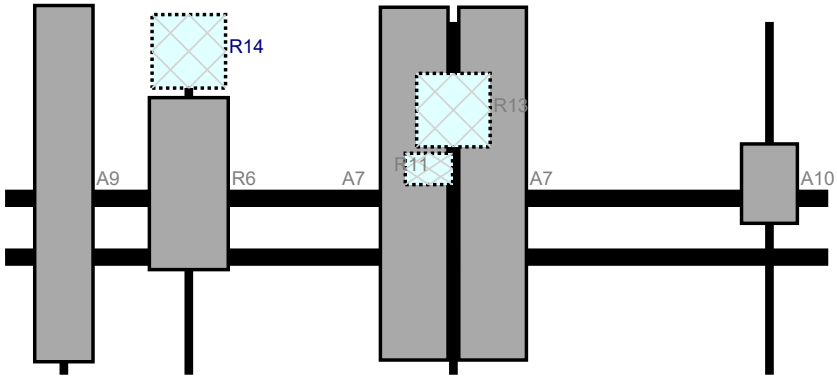
4 3 2 1

Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A10	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	156	1		Fro t	33	0	Ret i ed	03/05/2023
A7	JAHH-65B-R3B	72	13.8	91.5	2		Fro t	57	8	Ret i ed	03/05/2023
A7	JAHH-65B-R3B	72	13.8	91.5	2		Fro t	57	-8	Ret i ed	03/05/2023
A1	KA-6030	10.6	10.9	91.5	2		Fro t	84	0	Added	
A1	KA-6030	10.6	10.9	91.5	2		Behi d	84	0	Added	
R11	CBC78T-DS-43-2X	6.4	9.65	91.5	2		Behi d	42	-5	Ret i ed	03/05/2023
R13	B2/B66A RRH-BR049	15	15	91.5	2		Behi d	24	0	Ret i ed	03/05/2023
R6	MT6407-77A	35.1	16.1	37.5	3		Fro t	33	0	Ret i ed	03/05/2023
R14	B5/B13 RRH-BR04C	15	15	37.5	3		Behi d	6	0	Ret i ed	03/05/2023
A9	LNX-8513DS-A1M	72.7	11.9	12	4		Fro t	33	0	Ret i ed	03/05/2023
OVP	DB-C1-12C-24AB-0Z	29.5	16.5		Me er					Ret i ed	03/05/2023

Plan View



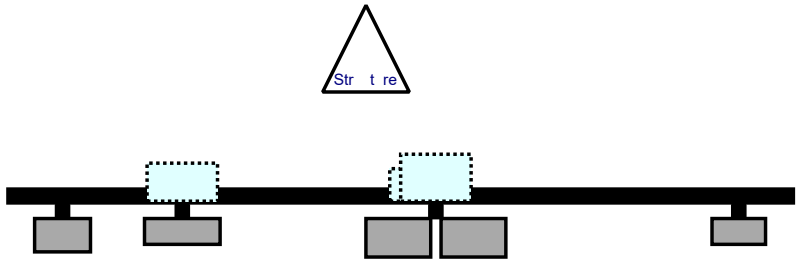
Front View - Loo i g t Str t re



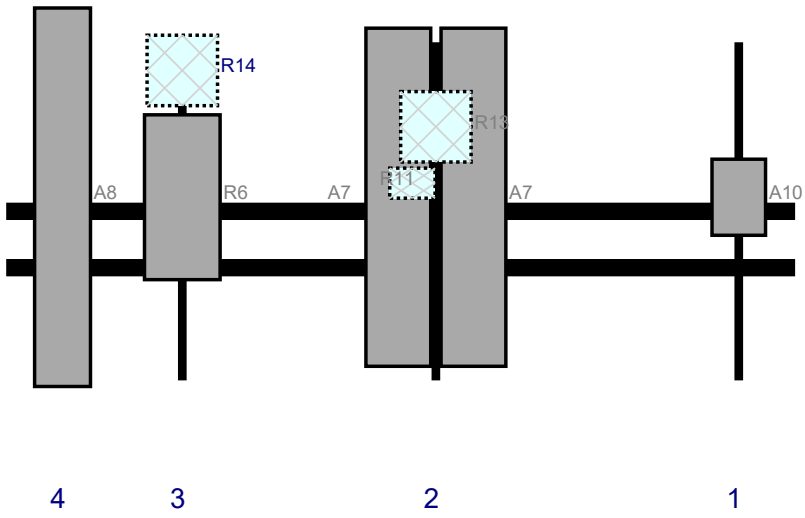
4 3 2 1

Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A10	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	156	1		Fro t	33	0	Ret i ed	03/05/2023
A7	JAHH-65B-R3B	72	13.8	91.5	2		Fro t	57	8	Ret i ed	03/05/2023
A7	JAHH-65B-R3B	72	13.8	91.5	2		Fro t	57	-8	Ret i ed	03/05/2023
R11	CBC78T-DS-43-2X	6.4	9.65	91.5	2		Behi d	42	-5	Ret i ed	03/05/2023
R13	B2/B66A RRH-BR049	15	15	91.5	2		Behi d	24	0	Ret i ed	03/05/2023
R6	MT6407-77A	35.1	16.1	37.5	3		Fro t	33	0	Ret i ed	03/05/2023
R14	B5/B13 RRH-BR04C	15	15	37.5	3		Behi d	6	0	Ret i ed	03/05/2023
A9	LNX-8513DS-A1M	72.7	11.9	12	4		Fro t	33	0	Ret i ed	03/05/2023

Plan View



Front View - Loo i g t Str t re



Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A10	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	156	1		Fro t	33	0	Ret i ed	03/05/2023
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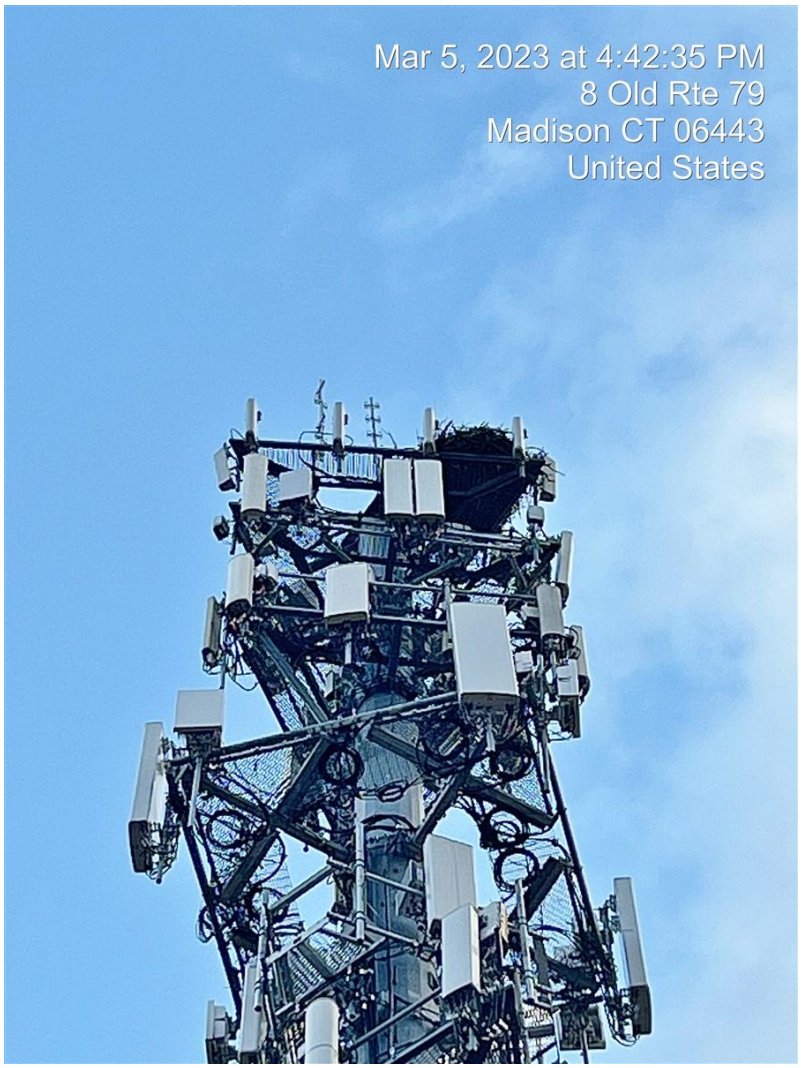
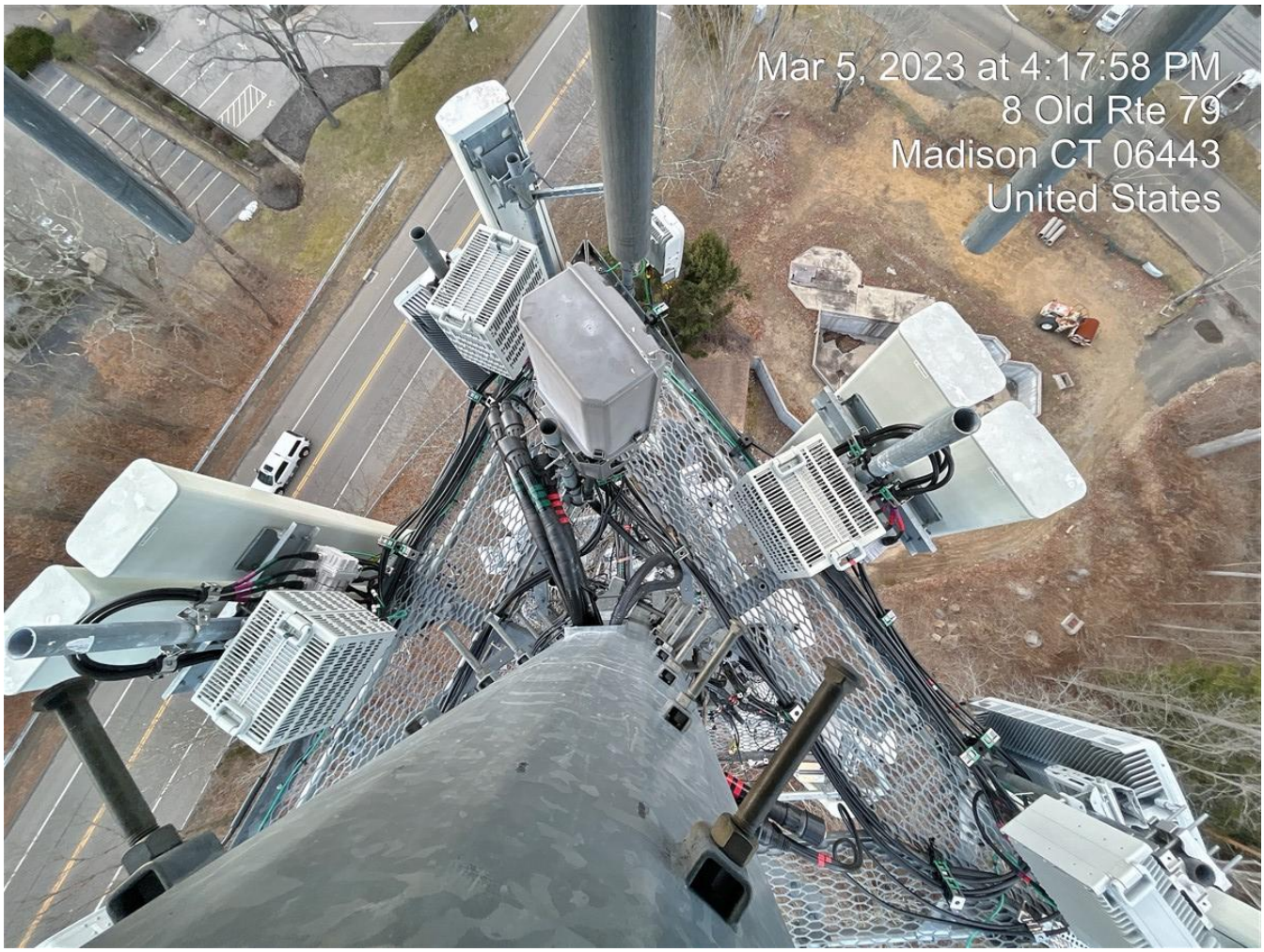
R11	CBC78T-DS-43-2X	6.4	9.65	91.5	2		Behi d	42	-5	Ret i ed	03/05/2023
R13	B2/B66A RRH-BR049	15	15	91.5	2		Behi d	24	0	Ret i ed	03/05/2023
R6	MT6407-77A	35.1	16.1	37.5	3		Fro t	33	0	Ret i ed	03/05/2023
R14	B5/B13 RRH-BR04C	15	15	37.5	3		Behi d	6	0	Ret i ed	03/05/2023
A8	LNX-6514DS-A1M	80.6	11.9	12	4		Fro t	33	0	Ret i ed	03/05/2023


Mar 5, 2023 at 4:42:35 PM
8 Old Rte 79
Madison CT 06443
United States


Mar 5, 2023 at 4:17:58 PM
8 Old Rte 79
Madison CT 06443
United States

Desktop Mount Mapping Form

Site Name:	MADISON 2 CT	**Tower Type:**	Monopole
Site ID:		**Tower Owner:**	
PSLC:	468845	**Tower Height (Ft.):**	
Customer:		**Mount Elevation (Ft.):**	
Colliers Project No.	21777433	**Date:**	4/9/2021

Document Type	Provided? (Yes/No)	Source Name	Project No.	Dated	Comments/Remarks
Previous Mount Mapping	No				
Previous Mapping Photos	No				
Previous Mount Analysis	Yes	As Built MA	12995792_C8_01	1/22/2020	Provided and is the primary source of mount information for MA.
Previous Mount Modifications	No				
Previous Structural Analysis	Yes	As Built SA	12995792_C3_03	11/20/2019	Provided but not necessary for MA.
Construction Drawings	Yes	As Built CD	94025.205897	3/6/2020	Provided and contains some helpful information.
Closeout Package	Yes				
Closeout Photos	Yes				Photos are helpful for MA
Handover Package	No				
New Build 445 Documentation	No				
Other	No				
Previous PMI	No				

The desktop mount mapping is based on the engineering review of the available site documents in FUZE, as listed above, in place of a full mount mapping. It is assumed that the information provided in the documents listed above, provide an accurate representation of the existing mount. EOR reserves the right and will typically require additional clarification and verification as will be included in the PMI requirements. During the Post Modification Inspection (PMI) process, the GC on site will be required to confirm all questions, confirmations, and validations as posed by the EOR. The engineering review for this desktop mount mapping was performed in accordance to the ANSI/TIA-222-H requirements and Verizon's NSTD446 standard.

Photo taken from: Closeout Package Photos

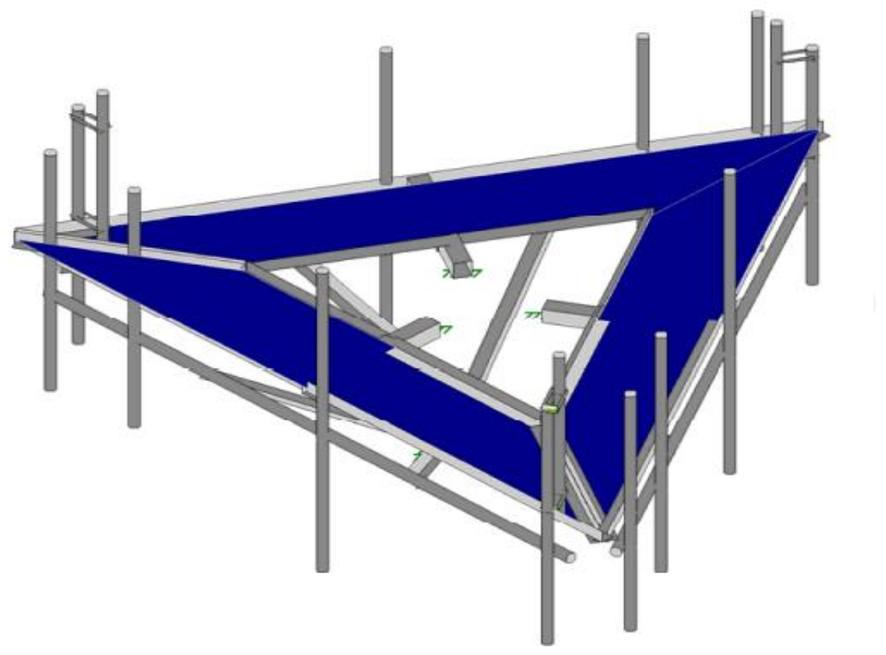
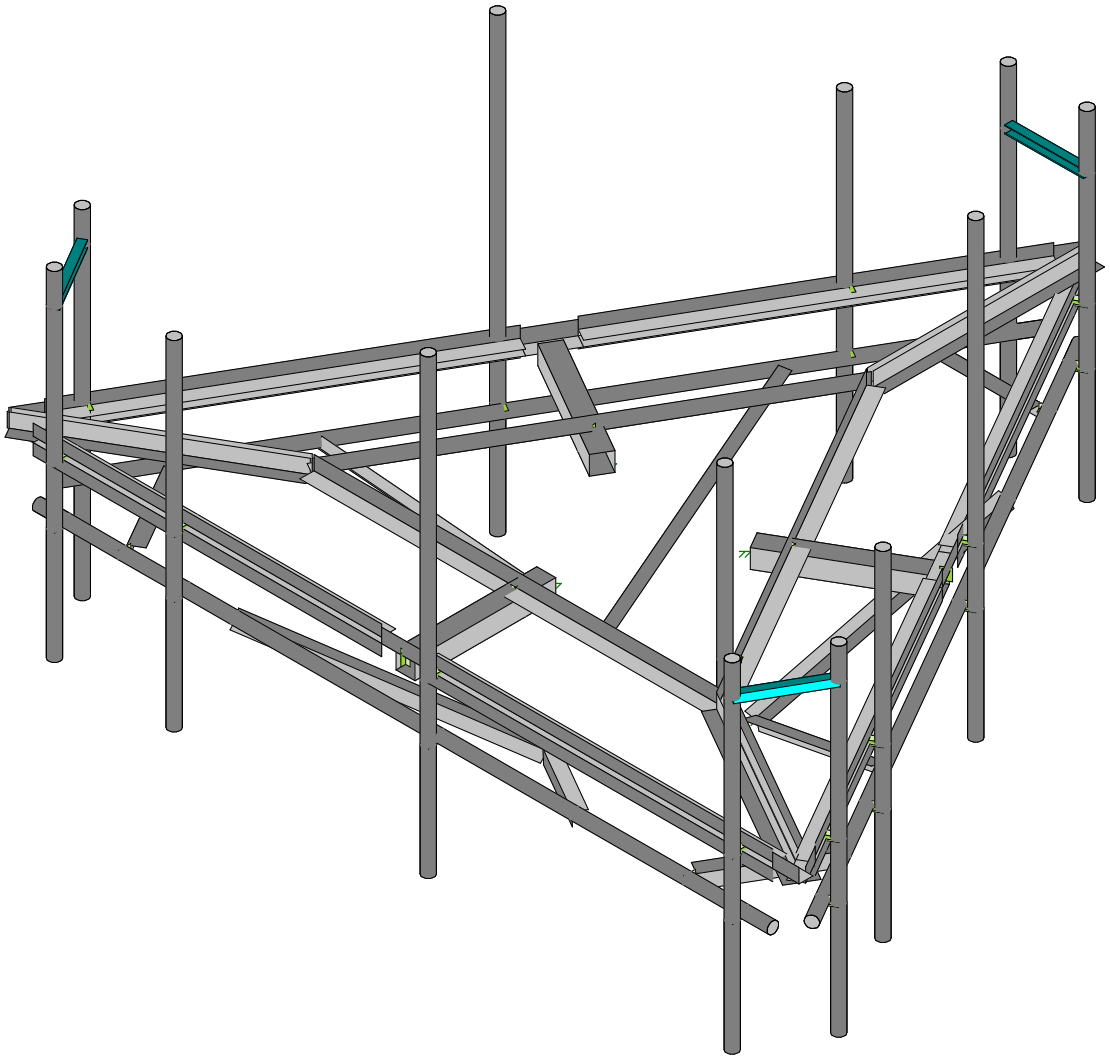
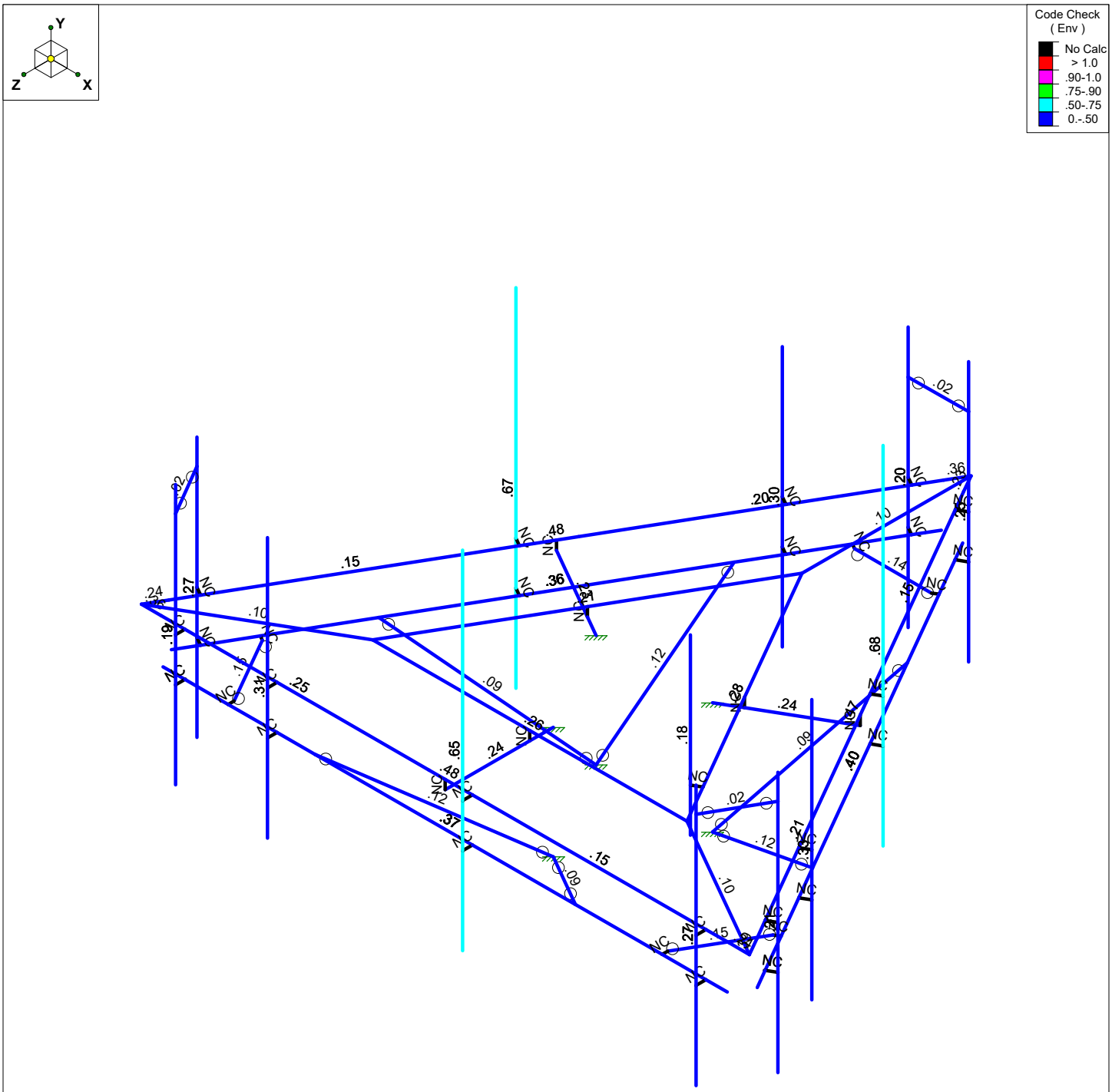


Photo taken from: Previous MA



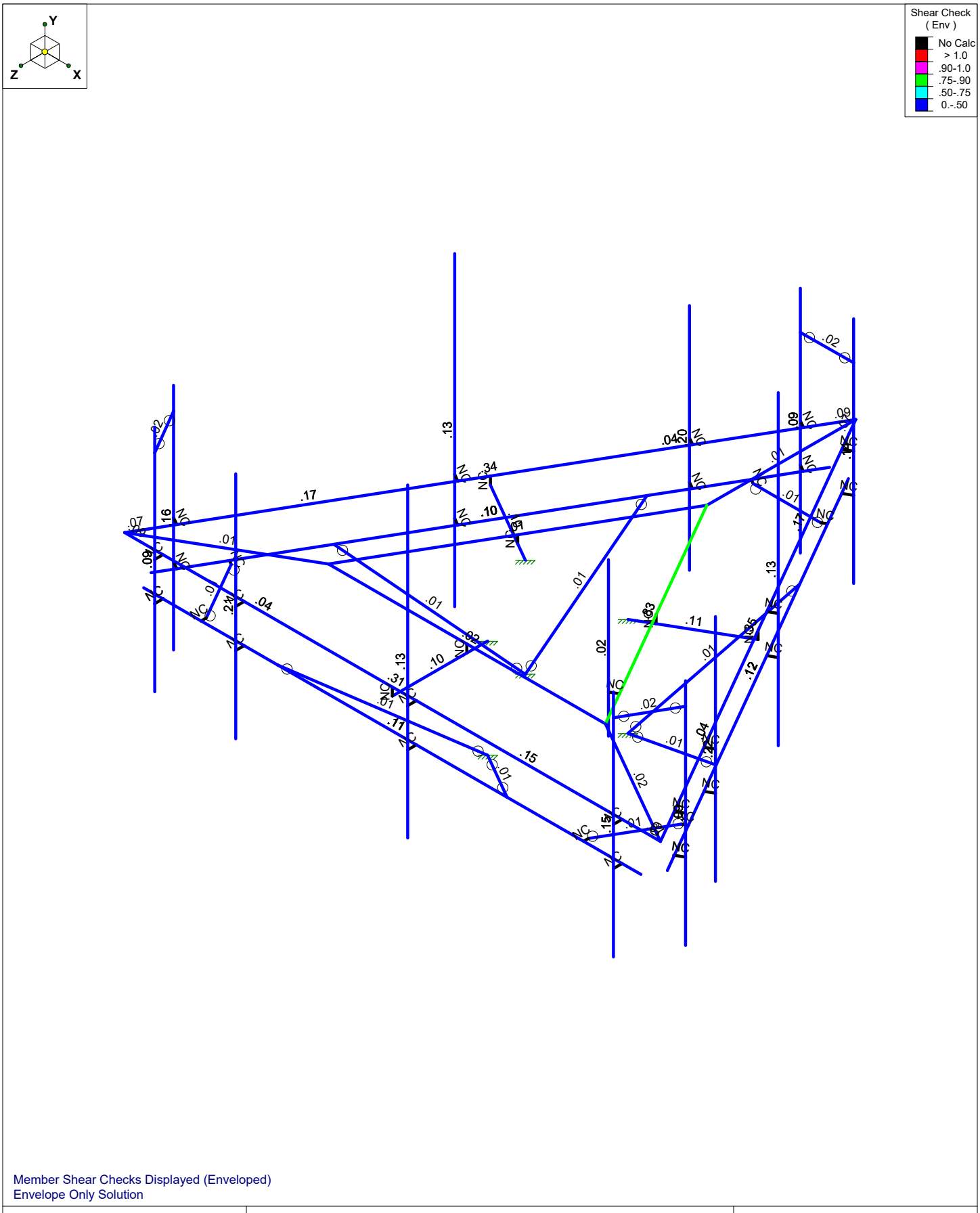
Envelope Only Solution

Colliers Engineering & De...	Antenna Mount Analysis	SK - 3
		July 24, 2023 at 12:14 PM
Project # 23777179		5000124943-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & De...	Antenna Mount Analysis	SK - 4
		July 24, 2023 at 12:14 PM
Project # 23777179		5000124943-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & De...	Antenna Mount Analysis	SK - 5
		July 24, 2023 at 12:14 PM
Project # 23777179		5000124943-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gr...	Y Gr...	Z Gr...	Joint	Point	Distributed	Area(Member)	Surfa...
1	Antenna D	None					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 Deg)	None					117			
32	Antenna Wm (150 Deg)	None					117			
33	Antenna Wm (180 Deg)	None					117			
34	Antenna Wm (210 Deg)	None					117			
35	Antenna Wm (240 Deg)	None					117			
36	Antenna Wm (270 Deg)	None					117			
37	Antenna Wm (300 Deg)	None					117			
38	Antenna Wm (330 Deg)	None					117			
39	Structure D	None		-1					3	
40	Structure Di	None						52	3	
41	Structure Wo (0 Deg)	None						104		
42	Structure Wo (30 Deg)	None						104		
43	Structure Wo (60 Deg)	None						104		
44	Structure Wo (90 Deg)	None						104		
45	Structure Wo (120 Deg)	None						104		
46	Structure Wo (150 Deg)	None						104		
47	Structure Wo (180 Deg)	None						104		
48	Structure Wo (210 Deg)	None						104		
49	Structure Wo (240 Deg)	None						104		
50	Structure Wo (270 Deg)	None						104		
51	Structure Wo (300 Deg)	None						104		
52	Structure Wo (330 Deg)	None						104		
53	Structure Wi (0 Deg)	None						104		
54	Structure Wi (30 Deg)	None						104		
55	Structure Wi (60 Deg)	None						104		
56	Structure Wi (90 Deg)	None						104		

Basic Load Cases (Continued)

	BLC Description	Category	X Gr...	Y Gr...	Z Gr...	Joint	Point	Distributed	Area(Member)	Surfa...
57	Structure Wi (120 Deg)	None						104		
58	Structure Wi (150 Deg)	None						104		
59	Structure Wi (180 Deg)	None						104		
60	Structure Wi (210 Deg)	None						104		
61	Structure Wi (240 Deg)	None						104		
62	Structure Wi (270 Deg)	None						104		
63	Structure Wi (300 Deg)	None						104		
64	Structure Wi (330 Deg)	None						104		
65	Structure Wm (0 Deg)	None						104		
66	Structure Wm (30 Deg)	None						104		
67	Structure Wm (60 Deg)	None						104		
68	Structure Wm (90 Deg)	None						104		
69	Structure Wm (120 Deg)	None						104		
70	Structure Wm (150 Deg)	None						104		
71	Structure Wm (180 Deg)	None						104		
72	Structure Wm (210 Deg)	None						104		
73	Structure Wm (240 Deg)	None						104		
74	Structure Wm (270 Deg)	None						104		
75	Structure Wm (300 Deg)	None						104		
76	Structure Wm (330 Deg)	None						104		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY		-.0439					3	
85	Structure Eh (0 Deg)	ELZ			-.1099				3	
86	Structure Eh (90 Deg)	ELX	.1099						3	
87	BLC 39 Transient Area Loads	None						78		
88	BLC 40 Transient Area Loads	None						78		
89	BLC 84 Transient Area Loads	None						78		
90	BLC 85 Transient Area Loads	None						78		
91	BLC 86 Transient Area Loads	None						78		

Load Combinations

	Description	S...	PDel...	SR...	BLC	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 De...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 De...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 De...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 De...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 De...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 De...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 De...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 De...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								

Load Combinations (Continued)

	Description	S...	PDel...	SR...	BLC	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		ELZ	1	E...					
53	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	ELZ	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	ELZ	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	ELZ		E...	1				
56	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	ELZ	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	ELZ	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		ELZ	-1	E...					
59	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	ELZ	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	ELZ	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	ELZ		E...	-1				
62	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	ELZ	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	ELZ	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...					
65	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	ELZ	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	ELZ	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1				
68	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	ELZ	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	ELZ	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	ELZ	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	ELZ	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	ELZ	.5	E...	-.8...				

Load Combinations (Continued)

	Description	S...	PDel...	SR...	BLC	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	ELZ	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N2	0.	-0.208333	1.551225	0	
2	N15	-3.624999	0	2.092894	0	
3	N16	-7.	0	4.051225	0	
4	N17	3.625	0	2.092892	0	
5	N15A	0.	-0.208333	2.092892	0	
6	N16A	0.	-0.208333	4.0439	0	
7	N38A	-0.	0	-8.082906	0	
8	CP	0	0	0	0	
9	N30A	0.	0	2.092892	0	
10	N31A	0.	0	4.0439	0	
11	N32	1.3434	-0.208333	-0.775612	0	
12	N34	7.008464	0	4.036565	0	
13	N35A	-0.000003	0	-4.185788	0	
14	N37A	1.812497	-0.208333	-1.046446	0	
15	N38	3.504231	-0.208333	-2.023168	0	
16	N58	1.8125	0	-1.046446	0	
17	N59	3.50282	0	-2.025612	0	
18	N87	-1.3434	-0.208333	-0.775612	0	
19	N90	-1.812497	-0.208333	-1.046446	0	
20	N91	-3.497886	-0.208333	-2.019505	0	
21	N111	-1.812503	0	-1.046446	0	
22	N112	-3.497886	0	-2.019505	0	
23	N23	6.008464	0	4.037612	0	
24	N27	6.008464	0	4.265732	0	
25	N31	6.008464	3	4.265732	0	
26	N35	6.008464	-3	4.265732	0	
27	N27A	6.77902	0	3.639797	0	
28	N28	-0.229028	0	-7.685897	0	
29	N29	-6.541667	0	4.050745	0	
30	N30	3.69196	0	-1.698539	0	
31	N31B	-3.310498	0	-2.344332	0	
32	N32A	-0.375004	0	4.044292	0	
33	N33	3.31631	0	-2.348136	0	
34	N34A	-3.685467	0	-1.694343	0	
35	N35B	0.375388	0	4.043507	0	
36	N36	0.22925	0	-7.686472	0	
37	N37	-6.766937	0	3.647223	0	
38	N38B	6.542051	0	4.037053	0	
39	N39	0.625389	0	4.043245	0	
40	N40	0.625389	0	4.265732	0	
41	N41	0.625389	5	4.265732	0	
42	N42	0.625389	-3	4.265732	0	
43	N43	-3.875003	0	4.047955	0	
44	N44	-3.875003	0	4.265732	0	
45	N45	-3.875003	3	4.265732	0	
46	N46	-3.875003	-3	4.265732	0	
47	N47	-6.000003	0	4.050179	0	
48	N48	-6.000003	0	4.265732	0	
49	N49	-6.000003	3	4.265732	0	
50	N50	-6.000003	-3	4.265732	0	
51	N51	-6.499792	-1	4.050745	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N52	6.500176	-1	4.037053	0	
53	N53	6.008464	-1	4.037571	0	
54	N54	6.008464	-1	4.265732	0	
55	N55	0.625389	-1	4.043241	0	
56	N56	0.625389	-1	4.265732	0	
57	N57	-3.875003	-1	4.047981	0	
58	N58A	-3.875003	-1	4.265732	0	
59	N59A	-6.000003	-1	4.038004	0	
60	N60	-6.000003	-1	4.265732	0	
61	N62	6.757944	-1	3.603612	0	
62	N63	0.246103	-1	-7.647844	0	
63	N64	0.492407	-1	-7.222268	0	
64	N65	0.69	-1	-7.336348	0	
65	N66	3.188855	-1	-2.563223	0	
66	N67	3.381538	-1	-2.674469	0	
67	N68	5.443156	-1	1.331861	0	
68	N69	5.631734	-1	1.222985	0	
69	N70	6.497016	-1	3.177153	0	
70	N71	6.694234	-1	3.063289	0	
71	N73	-0.258152	-1	-7.654358	0	
72	N74	-6.746279	-1	3.610791	0	
73	N75	-6.500871	-1	3.184697	0	
74	N76	-6.698464	-1	3.070616	0	
75	N77	-3.814244	-1	-1.480018	0	
76	N78	-4.006927	-1	-1.591263	0	
77	N79	-1.568153	-1	-5.379841	0	
78	N80	-1.756731	-1	-5.488717	0	
79	N81	-0.507591	-1	-7.221264	0	
80	N82	-0.694231	-1	-7.329021	0	
81	N81A	5.000176	-1	4.038633	0	
82	N82A	5.000176	-1	3.912053	0	
83	N83	-5.000176	-1	4.049166	0	
84	N84	-5.000176	-1	3.912053	0	
85	N85	0.997471	-1	-6.349596	0	
86	N86	0.88785	-1	-6.286306	0	
87	N87A	6.006769	-1	2.305696	0	
88	N88	5.888026	-1	2.374253	0	
89	N89	-5.997647	-1	2.310963	0	
90	N90A	-5.888026	-1	2.374253	0	
91	N91A	-1.006593	-1	-6.354862	0	
92	N92	-0.88785	-1	-6.286306	0	
93	N94	-6.000003	-1	4.050219	0	
94	N95	6.507594	-1	3.171045	0	
95	N97	-3.004682	-1	4.047064	0	
96	N98	2.998069	-1	4.040742	0	
97	N103	0.	-2.791667	1.551225	0	
98	N108	0.496368	0	-7.224555	0	
99	N109A	0.69	0	-7.336348	0	
100	N110	0.69	3	-7.336348	0	
101	N111A	0.69	-3	-7.336348	0	
102	N112A	3.19116	0	-2.564554	0	
103	N113	3.381538	0	-2.674469	0	
104	N114	3.381538	5	-2.674469	0	
105	N115	3.381538	-3	-2.674469	0	
106	N116	5.444076	0	1.331329	0	
107	N117	5.631734	0	1.222985	0	
108	N118	5.631734	3	1.222985	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N119	5.631734	-3	1.222985	0	
110	N120	6.507861	0	3.170891	0	
111	N121	6.694234	0	3.063289	0	
112	N122	6.694234	3	3.063289	0	
113	N123	6.694234	-3	3.063289	0	
114	N132	-6.500302	0	3.185025	0	
115	N133	-6.698464	0	3.070616	0	
116	N134	-6.698464	3	3.070616	0	
117	N135	-6.698464	-3	3.070616	0	
118	N136	-3.810391	0	-1.477794	0	
119	N137	-4.006927	0	-1.591263	0	
120	N138	-4.006927	5	-1.591263	0	
121	N139	-4.006927	-3	-1.591263	0	
122	N140	-1.561555	0	-5.376032	0	
123	N141	-1.756731	0	-5.488717	0	
124	N142	-1.756731	3	-5.488717	0	
125	N143	-1.756731	-3	-5.488717	0	
126	N144	-0.499697	0	-7.216707	0	
127	N145	-0.694231	0	-7.329021	0	
128	N146	-0.694231	3	-7.329021	0	
129	N147	-0.694231	-3	-7.329021	0	
130	N141A	6.008464	2.416667	4.265732	0	
131	N142A	6.694234	2.416667	3.063289	0	
132	N143A	0.69	2	-7.336348	0	
133	N144A	-0.694231	2	-7.329021	0	
134	N145A	-6.698464	2.416667	3.070616	0	
135	N146A	-6.000003	2.416667	4.265732	0	
136	N147A	3.125001	0	1.226869	0	
137	N150	2.944579	0	1.331035	0	
138	N149	2.944579	-1	1.331035	0	
139	N150A	2.944579	3	1.331035	0	
140	N143B	5.007047	-1	0.578332	0	
141	N144B	1.999912	-1	-4.617533	0	
142	N145B	1.3434	-2.791667	-0.775612	0	
143	N146B	-2.002956	-1	-4.624904	0	
144	N147B	-4.998573	-1	0.5763	0	
145	N148	-1.3434	-2.791667	-0.775612	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Desig...	A [in2]	Iyy [i...	Izz [i...	J [in4]
1	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
2	Platform Crossmember	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.0313
3	Face Horizontal	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.0313
4	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Angle	LL3x3x4x0	Beam	Double Angle ...	A36 Gr.36	Typical	2.88	4.5	2.46	.0626
6	Modified Face Horizontal	LL3x3x4x0	Beam	Double Angle ...	A36 Gr.36	Typical	2.88	4.5	2.46	.0626
7	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Support Rail Corner Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.0313
9	V-Bracing Kit	L2.5x2.5x3	Column	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.0114

Cold Formed Steel Section Sets

	Label	Shape	Type	Design ...	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Unistrut Bracing	P1000	Beam	None	A653 SS Gr33	Typical	.497	.1373	.213	.002

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F)	Density[k/ft^3]	Yield[ksi]	Fu[ksi]
1	A653 SS Gr33	29500	11346	.3	.65	.49	33	45
2	A653 SS Gr50/1	29500	11346	.3	.65	.49	50	65

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
1	M1	N2	N16A			Standoff Horizontal	Beam	SquareTube	A500 Gr...	Typical
2	M17A	N32	N38			Standoff Horizontal	Beam	SquareTube	A500 Gr...	Typical
3	M47	N87	N91			Standoff Horizontal	Beam	SquareTube	A500 Gr...	Typical
4	M16	N31A	N16A			RIGID	None	None	RIGID	Typical
5	M17	N30A	N15A			RIGID	None	None	RIGID	Typical
6	M30	N59	N38			RIGID	None	None	RIGID	Typical
7	M31	N58	N37A			RIGID	None	None	RIGID	Typical
8	M60	N112	N91			RIGID	None	None	RIGID	Typical
9	M61	N111	N90			RIGID	None	None	RIGID	Typical
10	M19	N23	N27			RIGID	None	None	RIGID	Typical
11	MP1A	N31	N35			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M6	N16	N15		180	Grating Angle	Beam	Double Angl...	A36 Gr.36	Typical
13	M26	N34	N17		180	Grating Angle	Beam	Double Angl...	A36 Gr.36	Typical
14	M27	N38A	N35A		180	Grating Angle	Beam	Double Angl...	A36 Gr.36	Typical
15	M28	N34	N27A		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
16	M58	N38A	N28		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
17	M118	N16	N29		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
18	M6A	N17	N15		270	Platform Crossme...	Beam	Single Angle	A36 Gr.36	Typical
19	M29	N35A	N17		270	Platform Crossme...	Beam	Single Angle	A36 Gr.36	Typical
20	M59	N15	N35A		270	Platform Crossme...	Beam	Single Angle	A36 Gr.36	Typical
21	M21	N27A	N30		90	Modified Face Hor...	Beam	Double Angl...	A36 Gr.36	Typical
22	M22	N28	N31B		90	Modified Face Hor...	Beam	Double Angl...	A36 Gr.36	Typical
23	M23	N29	N32A		90	Modified Face Hor...	Beam	Double Angl...	A36 Gr.36	Typical
24	M24	N30	N33		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
25	M25	N31B	N34A		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
26	M26A	N32A	N35B		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
27	M27A	N33	N36		90	Modified Face Hor...	Beam	Double Angl...	A36 Gr.36	Typical
28	M28A	N34A	N37		90	Modified Face Hor...	Beam	Double Angl...	A36 Gr.36	Typical
29	M29A	N35B	N38B		90	Modified Face Hor...	Beam	Double Angl...	A36 Gr.36	Typical
30	M30A	N36	N38A		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
31	M31A	N37	N16		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
32	M32	N38B	N34		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
33	M33	N39	N40			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
34	MP2A	N41	N42			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
35	M35	N43	N44			RIGID	None	None	RIGID	Typical
36	MP3A	N45	N46			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
37	M37	N47	N48			RIGID	None	None	RIGID	Typical
38	MP4A	N49	N50			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
39	M39	N51	N52			Support Rail	Beam	Pipe	A53 Gr.B	Typical
40	M40	N53	N54			RIGID	None	None	RIGID	Typical
41	M41	N55	N56			RIGID	None	None	RIGID	Typical
42	M42	N57	N58A			RIGID	None	None	RIGID	Typical
43	M43	N59A	N60			RIGID	None	None	RIGID	Typical
44	M44	N62	N63			Support Rail	Beam	Pipe	A53 Gr.B	Typical
45	M45	N64	N65			RIGID	None	None	RIGID	Typical
46	M46	N66	N67			RIGID	None	None	RIGID	Typical
47	M47A	N68	N69			RIGID	None	None	RIGID	Typical
48	M48	N70	N71			RIGID	None	None	RIGID	Typical
49	M49	N73	N74			Support Rail	Beam	Pipe	A53 Gr.B	Typical
50	M50	N75	N76			RIGID	None	None	RIGID	Typical
51	M51	N77	N78			RIGID	None	None	RIGID	Typical
52	M52	N79	N80			RIGID	None	None	RIGID	Typical
53	M53	N81	N82			RIGID	None	None	RIGID	Typical
54	M54	N81A	N82A			RIGID	None	None	RIGID	Typical
55	M55	N83	N84			RIGID	None	None	RIGID	Typical
56	M56	N85	N86			RIGID	None	None	RIGID	Typical
57	M57	N87A	N88			RIGID	None	None	RIGID	Typical
58	M58A	N89	N90A			RIGID	None	None	RIGID	Typical
59	M59A	N91A	N92			RIGID	None	None	RIGID	Typical
60	M60A	N82A	N88		180	Support Rail Corn...	Beam	Single Angle	A36 Gr.36	Typical
61	M61A	N86	N92		180	Support Rail Corn...	Beam	Single Angle	A36 Gr.36	Typical
62	M62	N90A	N84		180	Support Rail Corn...	Beam	Single Angle	A36 Gr.36	Typical
63	M63	N97	N103		180	V-Bracing Kit	Column	Single Angle	A36 Gr.36	Typical
64	M64	N98	N103		90	V-Bracing Kit	Column	Single Angle	A36 Gr.36	Typical
65	M69	N108	N109A			RIGID	None	None	RIGID	Typical
66	MP1C	N110	N111A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
67	M71	N112A	N113			RIGID	None	None	RIGID	Typical
68	MP2C	N114	N115			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
69	M73	N116	N117			RIGID	None	None	RIGID	Typical
70	MP3C	N118	N119			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
71	M75	N120	N121			RIGID	None	None	RIGID	Typical
72	MP4C	N122	N123			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
73	M81	N132	N133			RIGID	None	None	RIGID	Typical
74	MP1B	N134	N135			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
75	M83	N136	N137			RIGID	None	None	RIGID	Typical
76	MP2B	N138	N139			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
77	M85	N140	N141			RIGID	None	None	RIGID	Typical
78	MP3B	N142	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
79	M87	N144	N145			RIGID	None	None	RIGID	Typical
80	MP4B	N146	N147			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
81	M85A	N141A	N142A		180	Unistrut Bracing	Beam	None	A653 SS...	Typical
82	M86	N143A	N144A		180	Unistrut Bracing	Beam	None	A653 SS...	Typical
83	M87A	N145A	N146A		180	Unistrut Bracing	Beam	None	A653 SS...	Typical
84	M88	N150	N147A			RIGID	None	None	RIGID	Typical
85	OVP	N150A	N149			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M86A	N143B	N145B		180	V-Bracing Kit	Column	Single Angle	A36 Gr.36	Typical
87	M87B	N144B	N145B		90	V-Bracing Kit	Column	Single Angle	A36 Gr.36	Typical
88	M88A	N146B	N148		180	V-Bracing Kit	Column	Single Angle	A36 Gr.36	Typical
89	M89	N147B	N148		90	V-Bracing Kit	Column	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ratio Opti...	Analysis ...	Inactive	Seismi...
1	M1						Yes	Default			None
2	M17A						Yes	Default			None
3	M47						Yes	Default			None
4	M16						Yes	** NA **			None
5	M17						Yes	** NA **			None
6	M30						Yes	** NA **			None
7	M31						Yes	** NA **			None
8	M60						Yes	** NA **			None
9	M61						Yes	** NA **			None
10	M19						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M6						Yes				None
13	M26						Yes	Default			None
14	M27						Yes				None
15	M28						Yes				None
16	M58						Yes				None
17	M118						Yes				None
18	M6A						Yes				None
19	M29						Yes				None
20	M59						Yes				None
21	M21						Yes				None
22	M22						Yes				None
23	M23						Yes				None
24	M24						Yes				None
25	M25						Yes				None
26	M26A						Yes				None
27	M27A						Yes				None
28	M28A						Yes				None
29	M29A						Yes				None
30	M30A						Yes				None
31	M31A						Yes				None
32	M32						Yes				None
33	M33						Yes	** NA **			None
34	MP2A						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	MP3A						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	MP4A						Yes	** NA **			None
39	M39						Yes				None
40	M40						Yes	** NA **			None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43						Yes	** NA **			None
44	M44						Yes				None
45	M45						Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47A						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes				None
50	M50						Yes	** NA **			None
51	M51						Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54	OOOOOX					Yes	** NA **			None
55	M55	OOOOOX					Yes	** NA **			None
56	M56	OOOOOX					Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ratio Opti...	Analysis ...	Inactive	Seismi...
57	M57	OOOOOX					Yes	** NA **			None
58	M58A	OOOOOX					Yes	** NA **			None
59	M59A	OOOOOX					Yes	** NA **			None
60	M60A						Yes	Default			None
61	M61A						Yes	Default			None
62	M62						Yes	Default			None
63	M63	BenPIN	BenPIN				Yes	** NA **			None
64	M64	BenPIN	BenPIN				Yes	** NA **			None
65	M69						Yes	** NA **			None
66	MP1C						Yes	** NA **			None
67	M71						Yes	** NA **			None
68	MP2C						Yes	** NA **			None
69	M73						Yes	** NA **			None
70	MP3C						Yes	** NA **			None
71	M75						Yes	** NA **			None
72	MP4C						Yes	** NA **			None
73	M81						Yes	** NA **			None
74	MP1B						Yes	** NA **			None
75	M83						Yes	** NA **			None
76	MP2B						Yes	** NA **			None
77	M85						Yes	** NA **			None
78	MP3B						Yes	** NA **			None
79	M87						Yes	** NA **			None
80	MP4B						Yes	** NA **			None
81	M85A	BenPIN	BenPIN				Yes	Default			None
82	M86	BenPIN	BenPIN				Yes	Default			None
83	M87A	BenPIN	BenPIN				Yes	Default			None
84	M88						Yes	** NA **			None
85	OVP						Yes	** NA **			None
86	M86A	BenPIN	BenPIN				Yes	** NA **			None
87	M87B	BenPIN	BenPIN				Yes	** NA **			None
88	M88A	BenPIN	BenPIN				Yes	** NA **			None
89	M89	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-43.55	1.75
2	MP3A	My	-.0218	1.75
3	MP3A	Mz	0	1.75
4	MP3A	Y	-43.55	3.75
5	MP3A	My	-.0218	3.75
6	MP3A	Mz	0	3.75
7	MP3B	Y	-43.55	1.75
8	MP3B	My	.0109	1.75
9	MP3B	Mz	-.0189	1.75
10	MP3B	Y	-43.55	3.75
11	MP3B	My	.0109	3.75
12	MP3B	Mz	-.0189	3.75
13	MP3C	Y	-43.55	1.75
14	MP3C	My	.0109	1.75
15	MP3C	Mz	.0189	1.75
16	MP3C	Y	-43.55	3.75
17	MP3C	My	.0109	3.75
18	MP3C	Mz	.0189	3.75
19	MP4C	Y	-22.95	.5

Member Point Loads (BLC 1 : Antenna D) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP4C	My	.0057	.5
21	MP4C	Mz	.0099	.5
22	MP4C	Y	-22.95	5
23	MP4C	My	.0057	5
24	MP4C	Mz	.0099	5
25	MP4A	Y	-13.15	.5
26	MP4A	My	-.0066	.5
27	MP4A	Mz	0	.5
28	MP4A	Y	-13.15	5
29	MP4A	My	-.0066	5
30	MP4A	Mz	0	5
31	MP4B	Y	-13.15	.5
32	MP4B	My	.0033	.5
33	MP4B	Mz	-.0057	.5
34	MP4B	Y	-13.15	5
35	MP4B	My	.0033	5
36	MP4B	Mz	-.0057	5
37	MP1A	Y	-23.2	2.75
38	MP1A	My	-.0116	2.75
39	MP1A	Mz	0	2.75
40	MP1B	Y	-23.2	2.75
41	MP1B	My	.0058	2.75
42	MP1B	Mz	-.01	2.75
43	MP1C	Y	-23.2	2.75
44	MP1C	My	.0058	2.75
45	MP1C	Mz	.01	2.75
46	OVP	Y	-32	1
47	OVP	My	0	1
48	OVP	Mz	0	1
49	MP3A	Y	-70.3	.5
50	MP3A	My	.0352	.5
51	MP3A	Mz	0	.5
52	MP3B	Y	-70.3	.5
53	MP3B	My	-.0176	.5
54	MP3B	Mz	.0304	.5
55	MP3C	Y	-70.3	.5
56	MP3C	My	-.0176	.5
57	MP3C	Mz	-.0304	.5
58	MP2A	Y	-31.65	2.5
59	MP2A	My	-.0158	2.5
60	MP2A	Mz	.0211	2.5
61	MP2A	Y	-31.65	7
62	MP2A	My	-.0158	7
63	MP2A	Mz	.0211	7
64	MP2B	Y	-31.65	2.5
65	MP2B	My	-.0104	2.5
66	MP2B	Mz	-.0243	2.5
67	MP2B	Y	-31.65	7
68	MP2B	My	-.0104	7
69	MP2B	Mz	-.0243	7
70	MP2C	Y	-31.65	2.5
71	MP2C	My	.0262	2.5
72	MP2C	Mz	.0032	2.5
73	MP2C	Y	-31.65	7
74	MP2C	My	.0262	7
75	MP2C	Mz	.0032	7
76	MP2A	Y	-31.65	2.5

Member Point Loads (BLC 1 : Antenna D) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2A	My	-.0158	2.5
78	MP2A	Mz	-.0211	2.5
79	MP2A	Y	-31.65	7
80	MP2A	My	-.0158	7
81	MP2A	Mz	-.0211	7
82	MP2B	Y	-31.65	2.5
83	MP2B	My	.0262	2.5
84	MP2B	Mz	-.0032	2.5
85	MP2B	Y	-31.65	7
86	MP2B	My	.0262	7
87	MP2B	Mz	-.0032	7
88	MP2C	Y	-31.65	2.5
89	MP2C	My	-.0104	2.5
90	MP2C	Mz	.0243	2.5
91	MP2C	Y	-31.65	7
92	MP2C	My	-.0104	7
93	MP2C	Mz	.0243	7
94	MP2A	Y	-20.8	3.5
95	MP2A	My	.0052	3.5
96	MP2A	Mz	-.0087	3.5
97	MP2B	Y	-20.8	3.5
98	MP2B	My	.0049	3.5
99	MP2B	Mz	.0088	3.5
100	MP2C	Y	-20.8	3.5
101	MP2C	My	-.0101	3.5
102	MP2C	Mz	-.00017	3.5
103	MP2A	Y	-84.4	2
104	MP2A	My	.0422	2
105	MP2A	Mz	0	2
106	MP2B	Y	-84.4	2
107	MP2B	My	-.0211	2
108	MP2B	Mz	.0365	2
109	MP2C	Y	-84.4	2
110	MP2C	My	-.0211	2
111	MP2C	Mz	-.0365	2
112	MP2A	Y	-17.6	7
113	MP2A	My	-.0059	7
114	MP2A	Mz	0	7
115	MP2A	Y	-17.6	7
116	MP2A	My	.0059	7
117	MP2A	Mz	0	7

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-35.6643	1.75
2	MP3A	My	-.0178	1.75
3	MP3A	Mz	0	1.75
4	MP3A	Y	-35.6643	3.75
5	MP3A	My	-.0178	3.75
6	MP3A	Mz	0	3.75
7	MP3B	Y	-35.6643	1.75
8	MP3B	My	.0089	1.75
9	MP3B	Mz	-.0154	1.75
10	MP3B	Y	-35.6643	3.75
11	MP3B	My	.0089	3.75
12	MP3B	Mz	-.0154	3.75

Member Point Loads (BLC 2 : Antenna Di) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP3C	Y	-35.6643	1.75
14	MP3C	My	.0089	1.75
15	MP3C	Mz	.0154	1.75
16	MP3C	Y	-35.6643	3.75
17	MP3C	My	.0089	3.75
18	MP3C	Mz	.0154	3.75
19	MP4C	Y	-67.3827	.5
20	MP4C	My	.0168	.5
21	MP4C	Mz	.0292	.5
22	MP4C	Y	-67.3827	5
23	MP4C	My	.0168	5
24	MP4C	Mz	.0292	5
25	MP4A	Y	-61.2251	.5
26	MP4A	My	-.0306	.5
27	MP4A	Mz	0	.5
28	MP4A	Y	-61.2251	5
29	MP4A	My	-.0306	5
30	MP4A	Mz	0	5
31	MP4B	Y	-61.2251	.5
32	MP4B	My	.0153	.5
33	MP4B	Mz	-.0265	.5
34	MP4B	Y	-61.2251	5
35	MP4B	My	.0153	5
36	MP4B	Mz	-.0265	5
37	MP1A	Y	-29.9084	2.75
38	MP1A	My	-.015	2.75
39	MP1A	Mz	0	2.75
40	MP1B	Y	-29.9084	2.75
41	MP1B	My	.0075	2.75
42	MP1B	Mz	-.013	2.75
43	MP1C	Y	-29.9084	2.75
44	MP1C	My	.0075	2.75
45	MP1C	Mz	.013	2.75
46	OVP	Y	-88.0361	1
47	OVP	My	0	1
48	OVP	Mz	0	1
49	MP3A	Y	-40.4378	.5
50	MP3A	My	.0202	.5
51	MP3A	Mz	0	.5
52	MP3B	Y	-40.4378	.5
53	MP3B	My	-.0101	.5
54	MP3B	Mz	.0175	.5
55	MP3C	Y	-40.4378	.5
56	MP3C	My	-.0101	.5
57	MP3C	Mz	-.0175	.5
58	MP2A	Y	-70.0453	2.5
59	MP2A	My	-.035	2.5
60	MP2A	Mz	.0467	2.5
61	MP2A	Y	-70.0453	7
62	MP2A	My	-.035	7
63	MP2A	Mz	.0467	7
64	MP2B	Y	-70.0453	2.5
65	MP2B	My	-.0229	2.5
66	MP2B	Mz	-.0537	2.5
67	MP2B	Y	-70.0453	7
68	MP2B	My	-.0229	7
69	MP2B	Mz	-.0537	7

Member Point Loads (BLC 2 : Antenna Di) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2C	Y	-70.0453	2.5
71	MP2C	My	.058	2.5
72	MP2C	Mz	.007	2.5
73	MP2C	Y	-70.0453	7
74	MP2C	My	.058	7
75	MP2C	Mz	.007	7
76	MP2A	Y	-70.0453	2.5
77	MP2A	My	-.035	2.5
78	MP2A	Mz	-.0467	2.5
79	MP2A	Y	-70.0453	7
80	MP2A	My	-.035	7
81	MP2A	Mz	-.0467	7
82	MP2B	Y	-70.0453	2.5
83	MP2B	My	.058	2.5
84	MP2B	Mz	-.007	2.5
85	MP2B	Y	-70.0453	7
86	MP2B	My	.058	7
87	MP2B	Mz	-.007	7
88	MP2C	Y	-70.0453	2.5
89	MP2C	My	-.0229	2.5
90	MP2C	Mz	.0537	2.5
91	MP2C	Y	-70.0453	7
92	MP2C	My	-.0229	7
93	MP2C	Mz	.0537	7
94	MP2A	Y	-16.2884	3.5
95	MP2A	My	.0041	3.5
96	MP2A	Mz	-.0068	3.5
97	MP2B	Y	-16.2884	3.5
98	MP2B	My	.0038	3.5
99	MP2B	Mz	.0069	3.5
100	MP2C	Y	-16.2884	3.5
101	MP2C	My	-.0079	3.5
102	MP2C	Mz	-.000133	3.5
103	MP2A	Y	-44.965	2
104	MP2A	My	.0225	2
105	MP2A	Mz	0	2
106	MP2B	Y	-44.965	2
107	MP2B	My	-.0112	2
108	MP2B	Mz	.0195	2
109	MP2C	Y	-44.965	2
110	MP2C	My	-.0112	2
111	MP2C	Mz	-.0195	2
112	MP2A	Y	6.6	7
113	MP2A	My	.0022	7
114	MP2A	Mz	0	7
115	MP2A	Y	6.6	7
116	MP2A	My	-.0022	7
117	MP2A	Mz	0	7

Member Point Loads (BLC 3 : Antenna Wo (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.75
2	MP3A	Z	-72.826	1.75
3	MP3A	Mx	0	1.75
4	MP3A	X	0	3.75
5	MP3A	Z	-72.826	3.75

Member Point Loads (BLC 3 : Antenna Wo (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	0	3.75
7	MP3B	X	0	1.75
8	MP3B	Z	-37.017	1.75
9	MP3B	Mx	.016	1.75
10	MP3B	X	0	3.75
11	MP3B	Z	-37.017	3.75
12	MP3B	Mx	.016	3.75
13	MP3C	X	0	1.75
14	MP3C	Z	-37.017	1.75
15	MP3C	Mx	-.016	1.75
16	MP3C	X	0	3.75
17	MP3C	Z	-37.017	3.75
18	MP3C	Mx	-.016	3.75
19	MP4C	X	0	.5
20	MP4C	Z	-128.423	.5
21	MP4C	Mx	-.0556	.5
22	MP4C	X	0	5
23	MP4C	Z	-128.423	5
24	MP4C	Mx	-.0556	5
25	MP4A	X	0	.5
26	MP4A	Z	-151.783	.5
27	MP4A	Mx	0	.5
28	MP4A	X	0	5
29	MP4A	Z	-151.783	5
30	MP4A	Mx	0	5
31	MP4B	X	0	.5
32	MP4B	Z	-113.262	.5
33	MP4B	Mx	.049	.5
34	MP4B	X	0	5
35	MP4B	Z	-113.262	5
36	MP4B	Mx	.049	5
37	MP1A	X	0	2.75
38	MP1A	Z	-56.849	2.75
39	MP1A	Mx	0	2.75
40	MP1B	X	0	2.75
41	MP1B	Z	-35.245	2.75
42	MP1B	Mx	.0153	2.75
43	MP1C	X	0	2.75
44	MP1C	Z	-35.245	2.75
45	MP1C	Mx	-.0153	2.75
46	OVP	X	0	1
47	OVP	Z	-141.913	1
48	OVP	Mx	0	1
49	MP3A	X	0	.5
50	MP3A	Z	-57.592	.5
51	MP3A	Mx	0	.5
52	MP3B	X	0	.5
53	MP3B	Z	-38.085	.5
54	MP3B	Mx	-.0165	.5
55	MP3C	X	0	.5
56	MP3C	Z	-38.085	.5
57	MP3C	Mx	.0165	.5
58	MP2A	X	0	2.5
59	MP2A	Z	-169.246	2.5
60	MP2A	Mx	-.1128	2.5
61	MP2A	X	0	7
62	MP2A	Z	-169.246	7

Member Point Loads (BLC 3 : Antenna Wo (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2A	Mx	-.1128	7
64	MP2B	X	0	2.5
65	MP2B	Z	-125.68	2.5
66	MP2B	Mx	.0963	2.5
67	MP2B	X	0	7
68	MP2B	Z	-125.68	7
69	MP2B	Mx	.0963	7
70	MP2C	X	0	2.5
71	MP2C	Z	-125.68	2.5
72	MP2C	Mx	-.0125	2.5
73	MP2C	X	0	7
74	MP2C	Z	-125.68	7
75	MP2C	Mx	-.0125	7
76	MP2A	X	0	2.5
77	MP2A	Z	-169.246	2.5
78	MP2A	Mx	.1128	2.5
79	MP2A	X	0	7
80	MP2A	Z	-169.246	7
81	MP2A	Mx	.1128	7
82	MP2B	X	0	2.5
83	MP2B	Z	-125.68	2.5
84	MP2B	Mx	.0125	2.5
85	MP2B	X	0	7
86	MP2B	Z	-125.68	7
87	MP2B	Mx	.0125	7
88	MP2C	X	0	2.5
89	MP2C	Z	-125.68	2.5
90	MP2C	Mx	-.0963	2.5
91	MP2C	X	0	7
92	MP2C	Z	-125.68	7
93	MP2C	Mx	-.0963	7
94	MP2A	X	0	3.5
95	MP2A	Z	-19.321	3.5
96	MP2A	Mx	.008	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	-15.13	3.5
99	MP2B	Mx	-.0064	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	-15.13	3.5
102	MP2C	Mx	.000124	3.5
103	MP2A	X	0	2
104	MP2A	Z	-57.592	2
105	MP2A	Mx	0	2
106	MP2B	X	0	2
107	MP2B	Z	-43.38	2
108	MP2B	Mx	-.0188	2
109	MP2C	X	0	2
110	MP2C	Z	-43.38	2
111	MP2C	Mx	.0188	2
112	MP2A	X	0	7
113	MP2A	Z	-35.67	7
114	MP2A	Mx	0	7
115	MP2A	X	0	7
116	MP2A	Z	-35.67	7
117	MP2A	Mx	0	7

Member Point Loads (BLC 4 : Antenna Wo (30 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	30.445	1.75
2	MP3A	Z	-52.732	1.75
3	MP3A	Mx	-.0152	1.75
4	MP3A	X	30.445	3.75
5	MP3A	Z	-52.732	3.75
6	MP3A	Mx	-.0152	3.75
7	MP3B	X	12.54	1.75
8	MP3B	Z	-21.72	1.75
9	MP3B	Mx	.0125	1.75
10	MP3B	X	12.54	3.75
11	MP3B	Z	-21.72	3.75
12	MP3B	Mx	.0125	3.75
13	MP3C	X	30.445	1.75
14	MP3C	Z	-52.732	1.75
15	MP3C	Mx	-.0152	1.75
16	MP3C	X	30.445	3.75
17	MP3C	Z	-52.732	3.75
18	MP3C	Mx	-.0152	3.75
19	MP4C	X	78.562	.5
20	MP4C	Z	-136.074	.5
21	MP4C	Mx	-.0393	.5
22	MP4C	X	78.562	5
23	MP4C	Z	-136.074	5
24	MP4C	Mx	-.0393	5
25	MP4A	X	69.471	.5
26	MP4A	Z	-120.328	.5
27	MP4A	Mx	-.0347	.5
28	MP4A	X	69.471	5
29	MP4A	Z	-120.328	5
30	MP4A	Mx	-.0347	5
31	MP4B	X	50.211	.5
32	MP4B	Z	-86.967	.5
33	MP4B	Mx	.0502	.5
34	MP4B	X	50.211	5
35	MP4B	Z	-86.967	5
36	MP4B	Mx	.0502	5
37	MP1A	X	24.824	2.75
38	MP1A	Z	-42.996	2.75
39	MP1A	Mx	-.0124	2.75
40	MP1B	X	14.022	2.75
41	MP1B	Z	-24.286	2.75
42	MP1B	Mx	.014	2.75
43	MP1C	X	24.824	2.75
44	MP1C	Z	-42.996	2.75
45	MP1C	Mx	-.0124	2.75
46	OVP	X	62.016	1
47	OVP	Z	-107.415	1
48	OVP	Mx	0	1
49	MP3A	X	25.545	.5
50	MP3A	Z	-44.245	.5
51	MP3A	Mx	.0128	.5
52	MP3B	X	15.791	.5
53	MP3B	Z	-27.351	.5
54	MP3B	Mx	-.0158	.5
55	MP3C	X	25.545	.5
56	MP3C	Z	-44.245	.5
57	MP3C	Mx	.0128	.5

Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	77.362	2.5
59	MP2A	Z	-133.995	2.5
60	MP2A	Mx	-.128	2.5
61	MP2A	X	77.362	7
62	MP2A	Z	-133.995	7
63	MP2A	Mx	-.128	7
64	MP2B	X	55.579	2.5
65	MP2B	Z	-96.266	2.5
66	MP2B	Mx	.0556	2.5
67	MP2B	X	55.579	7
68	MP2B	Z	-96.266	7
69	MP2B	Mx	.0556	7
70	MP2C	X	77.362	2.5
71	MP2C	Z	-133.995	2.5
72	MP2C	Mx	.0506	2.5
73	MP2C	X	77.362	7
74	MP2C	Z	-133.995	7
75	MP2C	Mx	.0506	7
76	MP2A	X	77.362	2.5
77	MP2A	Z	-133.995	2.5
78	MP2A	Mx	.0506	2.5
79	MP2A	X	77.362	7
80	MP2A	Z	-133.995	7
81	MP2A	Mx	.0506	7
82	MP2B	X	55.579	2.5
83	MP2B	Z	-96.266	2.5
84	MP2B	Mx	.0556	2.5
85	MP2B	X	55.579	7
86	MP2B	Z	-96.266	7
87	MP2B	Mx	.0556	7
88	MP2C	X	77.362	2.5
89	MP2C	Z	-133.995	2.5
90	MP2C	Mx	-.128	2.5
91	MP2C	X	77.362	7
92	MP2C	Z	-133.995	7
93	MP2C	Mx	-.128	7
94	MP2A	X	8.962	3.5
95	MP2A	Z	-15.523	3.5
96	MP2A	Mx	.0087	3.5
97	MP2B	X	6.866	3.5
98	MP2B	Z	-11.893	3.5
99	MP2B	Mx	-.0034	3.5
100	MP2C	X	8.962	3.5
101	MP2C	Z	-15.523	3.5
102	MP2C	Mx	-.0042	3.5
103	MP2A	X	26.427	2
104	MP2A	Z	-45.773	2
105	MP2A	Mx	.0132	2
106	MP2B	X	19.321	2
107	MP2B	Z	-33.465	2
108	MP2B	Mx	-.0193	2
109	MP2C	X	26.427	2
110	MP2C	Z	-45.773	2
111	MP2C	Mx	.0132	2
112	MP2A	X	14.729	7
113	MP2A	Z	-25.511	7
114	MP2A	Mx	-.0049	7

Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2A	X	14.729	7
116	MP2A	Z	-25.511	7
117	MP2A	Mx	.0049	7

Member Point Loads (BLC 5 : Antenna Wo (60 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	32.057	1.75
2	MP3A	Z	-18.508	1.75
3	MP3A	Mx	-.016	1.75
4	MP3A	X	32.057	3.75
5	MP3A	Z	-18.508	3.75
6	MP3A	Mx	-.016	3.75
7	MP3B	X	32.057	1.75
8	MP3B	Z	-18.508	1.75
9	MP3B	Mx	.016	1.75
10	MP3B	X	32.057	3.75
11	MP3B	Z	-18.508	3.75
12	MP3B	Mx	.016	3.75
13	MP3C	X	63.069	1.75
14	MP3C	Z	-36.413	1.75
15	MP3C	Mx	0	1.75
16	MP3C	X	63.069	3.75
17	MP3C	Z	-36.413	3.75
18	MP3C	Mx	0	3.75
19	MP4C	X	148.502	.5
20	MP4C	Z	-85.738	.5
21	MP4C	Mx	0	.5
22	MP4C	X	148.502	5
23	MP4C	Z	-85.738	5
24	MP4C	Mx	0	5
25	MP4A	X	98.087	.5
26	MP4A	Z	-56.631	.5
27	MP4A	Mx	-.049	.5
28	MP4A	X	98.087	5
29	MP4A	Z	-56.631	5
30	MP4A	Mx	-.049	5
31	MP4B	X	98.087	.5
32	MP4B	Z	-56.631	.5
33	MP4B	Mx	.049	.5
34	MP4B	X	98.087	5
35	MP4B	Z	-56.631	5
36	MP4B	Mx	.049	5
37	MP1A	X	30.523	2.75
38	MP1A	Z	-17.622	2.75
39	MP1A	Mx	-.0153	2.75
40	MP1B	X	30.523	2.75
41	MP1B	Z	-17.622	2.75
42	MP1B	Mx	.0153	2.75
43	MP1C	X	49.232	2.75
44	MP1C	Z	-28.424	2.75
45	MP1C	Mx	0	2.75
46	OVP	X	99.672	1
47	OVP	Z	-57.545	1
48	OVP	Mx	0	1
49	MP3A	X	32.983	.5
50	MP3A	Z	-19.042	.5

Member Point Loads (BLC 5 : Antenna Wo (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3A	Mx	.0165	.5
52	MP3B	X	32.983	.5
53	MP3B	Z	-19.042	.5
54	MP3B	Mx	-.0165	.5
55	MP3C	X	49.876	.5
56	MP3C	Z	-28.796	.5
57	MP3C	Mx	0	.5
58	MP2A	X	108.842	2.5
59	MP2A	Z	-62.84	2.5
60	MP2A	Mx	-.0963	2.5
61	MP2A	X	108.842	7
62	MP2A	Z	-62.84	7
63	MP2A	Mx	-.0963	7
64	MP2B	X	108.842	2.5
65	MP2B	Z	-62.84	2.5
66	MP2B	Mx	.0125	2.5
67	MP2B	X	108.842	7
68	MP2B	Z	-62.84	7
69	MP2B	Mx	.0125	7
70	MP2C	X	146.571	2.5
71	MP2C	Z	-84.623	2.5
72	MP2C	Mx	.1128	2.5
73	MP2C	X	146.571	7
74	MP2C	Z	-84.623	7
75	MP2C	Mx	.1128	7
76	MP2A	X	108.842	2.5
77	MP2A	Z	-62.84	2.5
78	MP2A	Mx	-.0125	2.5
79	MP2A	X	108.842	7
80	MP2A	Z	-62.84	7
81	MP2A	Mx	-.0125	7
82	MP2B	X	108.842	2.5
83	MP2B	Z	-62.84	2.5
84	MP2B	Mx	.0963	2.5
85	MP2B	X	108.842	7
86	MP2B	Z	-62.84	7
87	MP2B	Mx	.0963	7
88	MP2C	X	146.571	2.5
89	MP2C	Z	-84.623	2.5
90	MP2C	Mx	-.1128	2.5
91	MP2C	X	146.571	7
92	MP2C	Z	-84.623	7
93	MP2C	Mx	-.1128	7
94	MP2A	X	13.103	3.5
95	MP2A	Z	-7.565	3.5
96	MP2A	Mx	.0064	3.5
97	MP2B	X	13.103	3.5
98	MP2B	Z	-7.565	3.5
99	MP2B	Mx	-.000124	3.5
100	MP2C	X	16.733	3.5
101	MP2C	Z	-9.661	3.5
102	MP2C	Mx	-.0081	3.5
103	MP2A	X	37.568	2
104	MP2A	Z	-21.69	2
105	MP2A	Mx	.0188	2
106	MP2B	X	37.568	2
107	MP2B	Z	-21.69	2

Member Point Loads (BLC 5 : Antenna Wo (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP2B	Mx	-.0188	2
109	MP2C	X	49.876	2
110	MP2C	Z	-28.796	2
111	MP2C	Mx	0	2
112	MP2A	X	14.75	7
113	MP2A	Z	-8.516	7
114	MP2A	Mx	-.0049	7
115	MP2A	X	14.75	7
116	MP2A	Z	-8.516	7
117	MP2A	Mx	.0049	7

Member Point Loads (BLC 6 : Antenna Wo (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	25.08	1.75
2	MP3A	Z	0	1.75
3	MP3A	Mx	-.0125	1.75
4	MP3A	X	25.08	3.75
5	MP3A	Z	0	3.75
6	MP3A	Mx	-.0125	3.75
7	MP3B	X	60.89	1.75
8	MP3B	Z	0	1.75
9	MP3B	Mx	.0152	1.75
10	MP3B	X	60.89	3.75
11	MP3B	Z	0	3.75
12	MP3B	Mx	.0152	3.75
13	MP3C	X	60.89	1.75
14	MP3C	Z	0	1.75
15	MP3C	Mx	.0152	1.75
16	MP3C	X	60.89	3.75
17	MP3C	Z	0	3.75
18	MP3C	Mx	.0152	3.75
19	MP4C	X	157.124	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	.0393	.5
22	MP4C	X	157.124	5
23	MP4C	Z	0	5
24	MP4C	Mx	.0393	5
25	MP4A	X	100.421	.5
26	MP4A	Z	0	.5
27	MP4A	Mx	-.0502	.5
28	MP4A	X	100.421	5
29	MP4A	Z	0	5
30	MP4A	Mx	-.0502	5
31	MP4B	X	138.942	.5
32	MP4B	Z	0	.5
33	MP4B	Mx	.0347	.5
34	MP4B	X	138.942	5
35	MP4B	Z	0	5
36	MP4B	Mx	.0347	5
37	MP1A	X	28.044	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	-.014	2.75
40	MP1B	X	49.647	2.75
41	MP1B	Z	0	2.75
42	MP1B	Mx	.0124	2.75
43	MP1C	X	49.647	2.75

Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1C	Z	0	2.75
45	MP1C	Mx	.0124	2.75
46	OVP	X	124.032	1
47	OVP	Z	0	1
48	OVP	Mx	0	1
49	MP3A	X	31.583	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	.0158	.5
52	MP3B	X	51.09	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	-.0128	.5
55	MP3C	X	51.09	.5
56	MP3C	Z	0	.5
57	MP3C	Mx	-.0128	.5
58	MP2A	X	111.159	2.5
59	MP2A	Z	0	2.5
60	MP2A	Mx	-.0556	2.5
61	MP2A	X	111.159	7
62	MP2A	Z	0	7
63	MP2A	Mx	-.0556	7
64	MP2B	X	154.724	2.5
65	MP2B	Z	0	2.5
66	MP2B	Mx	-.0506	2.5
67	MP2B	X	154.724	7
68	MP2B	Z	0	7
69	MP2B	Mx	-.0506	7
70	MP2C	X	154.724	2.5
71	MP2C	Z	0	2.5
72	MP2C	Mx	.128	2.5
73	MP2C	X	154.724	7
74	MP2C	Z	0	7
75	MP2C	Mx	.128	7
76	MP2A	X	111.159	2.5
77	MP2A	Z	0	2.5
78	MP2A	Mx	-.0556	2.5
79	MP2A	X	111.159	7
80	MP2A	Z	0	7
81	MP2A	Mx	-.0556	7
82	MP2B	X	154.724	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	.128	2.5
85	MP2B	X	154.724	7
86	MP2B	Z	0	7
87	MP2B	Mx	.128	7
88	MP2C	X	154.724	2.5
89	MP2C	Z	0	2.5
90	MP2C	Mx	-.0506	2.5
91	MP2C	X	154.724	7
92	MP2C	Z	0	7
93	MP2C	Mx	-.0506	7
94	MP2A	X	13.733	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	.0034	3.5
97	MP2B	X	17.924	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	.0042	3.5
100	MP2C	X	17.924	3.5

Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP2C	Z	0	3.5
102	MP2C	Mx	-.0087	3.5
103	MP2A	X	38.642	2
104	MP2A	Z	0	2
105	MP2A	Mx	.0193	2
106	MP2B	X	52.855	2
107	MP2B	Z	0	2
108	MP2B	Mx	-.0132	2
109	MP2C	X	52.855	2
110	MP2C	Z	0	2
111	MP2C	Mx	-.0132	2
112	MP2A	X	10.819	7
113	MP2A	Z	0	7
114	MP2A	Mx	-.0036	7
115	MP2A	X	10.819	7
116	MP2A	Z	0	7
117	MP2A	Mx	.0036	7

Member Point Loads (BLC 7 : Antenna Wo (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	32.057	1.75
2	MP3A	Z	18.508	1.75
3	MP3A	Mx	-.016	1.75
4	MP3A	X	32.057	3.75
5	MP3A	Z	18.508	3.75
6	MP3A	Mx	-.016	3.75
7	MP3B	X	63.069	1.75
8	MP3B	Z	36.413	1.75
9	MP3B	Mx	0	1.75
10	MP3B	X	63.069	3.75
11	MP3B	Z	36.413	3.75
12	MP3B	Mx	0	3.75
13	MP3C	X	32.057	1.75
14	MP3C	Z	18.508	1.75
15	MP3C	Mx	.016	1.75
16	MP3C	X	32.057	3.75
17	MP3C	Z	18.508	3.75
18	MP3C	Mx	.016	3.75
19	MP4C	X	111.217	.5
20	MP4C	Z	64.211	.5
21	MP4C	Mx	.0556	.5
22	MP4C	X	111.217	5
23	MP4C	Z	64.211	5
24	MP4C	Mx	.0556	5
25	MP4A	X	98.087	.5
26	MP4A	Z	56.631	.5
27	MP4A	Mx	-.049	.5
28	MP4A	X	98.087	5
29	MP4A	Z	56.631	5
30	MP4A	Mx	-.049	5
31	MP4B	X	131.448	.5
32	MP4B	Z	75.891	.5
33	MP4B	Mx	0	.5
34	MP4B	X	131.448	5
35	MP4B	Z	75.891	5
36	MP4B	Mx	0	5

Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1A	X	30.523	2.75
38	MP1A	Z	17.622	2.75
39	MP1A	Mx	-.0153	2.75
40	MP1B	X	49.232	2.75
41	MP1B	Z	28.424	2.75
42	MP1B	Mx	0	2.75
43	MP1C	X	30.523	2.75
44	MP1C	Z	17.622	2.75
45	MP1C	Mx	.0153	2.75
46	OVP	X	122.9	1
47	OVP	Z	70.956	1
48	OVP	Mx	0	1
49	MP3A	X	32.983	.5
50	MP3A	Z	19.042	.5
51	MP3A	Mx	.0165	.5
52	MP3B	X	49.876	.5
53	MP3B	Z	28.796	.5
54	MP3B	Mx	0	.5
55	MP3C	X	32.983	.5
56	MP3C	Z	19.042	.5
57	MP3C	Mx	-.0165	.5
58	MP2A	X	108.842	2.5
59	MP2A	Z	62.84	2.5
60	MP2A	Mx	-.0125	2.5
61	MP2A	X	108.842	7
62	MP2A	Z	62.84	7
63	MP2A	Mx	-.0125	7
64	MP2B	X	146.571	2.5
65	MP2B	Z	84.623	2.5
66	MP2B	Mx	-.1128	2.5
67	MP2B	X	146.571	7
68	MP2B	Z	84.623	7
69	MP2B	Mx	-.1128	7
70	MP2C	X	108.842	2.5
71	MP2C	Z	62.84	2.5
72	MP2C	Mx	.0963	2.5
73	MP2C	X	108.842	7
74	MP2C	Z	62.84	7
75	MP2C	Mx	.0963	7
76	MP2A	X	108.842	2.5
77	MP2A	Z	62.84	2.5
78	MP2A	Mx	-.0963	2.5
79	MP2A	X	108.842	7
80	MP2A	Z	62.84	7
81	MP2A	Mx	-.0963	7
82	MP2B	X	146.571	2.5
83	MP2B	Z	84.623	2.5
84	MP2B	Mx	.1128	2.5
85	MP2B	X	146.571	7
86	MP2B	Z	84.623	7
87	MP2B	Mx	.1128	7
88	MP2C	X	108.842	2.5
89	MP2C	Z	62.84	2.5
90	MP2C	Mx	.0125	2.5
91	MP2C	X	108.842	7
92	MP2C	Z	62.84	7
93	MP2C	Mx	.0125	7

Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2A	X	13.103	3.5
95	MP2A	Z	7.565	3.5
96	MP2A	Mx	.000124	3.5
97	MP2B	X	16.733	3.5
98	MP2B	Z	9.661	3.5
99	MP2B	Mx	.0081	3.5
100	MP2C	X	13.103	3.5
101	MP2C	Z	7.565	3.5
102	MP2C	Mx	-.0064	3.5
103	MP2A	X	37.568	2
104	MP2A	Z	21.69	2
105	MP2A	Mx	.0188	2
106	MP2B	X	49.876	2
107	MP2B	Z	28.796	2
108	MP2B	Mx	0	2
109	MP2C	X	37.568	2
110	MP2C	Z	21.69	2
111	MP2C	Mx	-.0188	2
112	MP2A	X	14.75	7
113	MP2A	Z	8.516	7
114	MP2A	Mx	-.0049	7
115	MP2A	X	14.75	7
116	MP2A	Z	8.516	7
117	MP2A	Mx	.0049	7

Member Point Loads (BLC 8 : Antenna Wo (150 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	30.445	1.75
2	MP3A	Z	52.732	1.75
3	MP3A	Mx	-.0152	1.75
4	MP3A	X	30.445	3.75
5	MP3A	Z	52.732	3.75
6	MP3A	Mx	-.0152	3.75
7	MP3B	X	30.445	1.75
8	MP3B	Z	52.732	1.75
9	MP3B	Mx	-.0152	1.75
10	MP3B	X	30.445	3.75
11	MP3B	Z	52.732	3.75
12	MP3B	Mx	-.0152	3.75
13	MP3C	X	12.54	1.75
14	MP3C	Z	21.72	1.75
15	MP3C	Mx	.0125	1.75
16	MP3C	X	12.54	3.75
17	MP3C	Z	21.72	3.75
18	MP3C	Mx	.0125	3.75
19	MP4C	X	57.036	.5
20	MP4C	Z	98.789	.5
21	MP4C	Mx	.057	.5
22	MP4C	X	57.036	5
23	MP4C	Z	98.789	5
24	MP4C	Mx	.057	5
25	MP4A	X	69.471	.5
26	MP4A	Z	120.328	.5
27	MP4A	Mx	-.0347	.5
28	MP4A	X	69.471	5
29	MP4A	Z	120.328	5

Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP4A	Mx	-.0347	5
31	MP4B	X	69.471	.5
32	MP4B	Z	120.328	.5
33	MP4B	Mx	-.0347	.5
34	MP4B	X	69.471	5
35	MP4B	Z	120.328	5
36	MP4B	Mx	-.0347	5
37	MP1A	X	24.824	2.75
38	MP1A	Z	42.996	2.75
39	MP1A	Mx	-.0124	2.75
40	MP1B	X	24.824	2.75
41	MP1B	Z	42.996	2.75
42	MP1B	Mx	-.0124	2.75
43	MP1C	X	14.022	2.75
44	MP1C	Z	24.286	2.75
45	MP1C	Mx	.014	2.75
46	OVP	X	75.427	1
47	OVP	Z	130.643	1
48	OVP	Mx	0	1
49	MP3A	X	25.545	.5
50	MP3A	Z	44.245	.5
51	MP3A	Mx	.0128	.5
52	MP3B	X	25.545	.5
53	MP3B	Z	44.245	.5
54	MP3B	Mx	.0128	.5
55	MP3C	X	15.791	.5
56	MP3C	Z	27.351	.5
57	MP3C	Mx	-.0158	.5
58	MP2A	X	77.362	2.5
59	MP2A	Z	133.995	2.5
60	MP2A	Mx	.0506	2.5
61	MP2A	X	77.362	7
62	MP2A	Z	133.995	7
63	MP2A	Mx	.0506	7
64	MP2B	X	77.362	2.5
65	MP2B	Z	133.995	2.5
66	MP2B	Mx	-.128	2.5
67	MP2B	X	77.362	7
68	MP2B	Z	133.995	7
69	MP2B	Mx	-.128	7
70	MP2C	X	55.579	2.5
71	MP2C	Z	96.266	2.5
72	MP2C	Mx	.0556	2.5
73	MP2C	X	55.579	7
74	MP2C	Z	96.266	7
75	MP2C	Mx	.0556	7
76	MP2A	X	77.362	2.5
77	MP2A	Z	133.995	2.5
78	MP2A	Mx	-.128	2.5
79	MP2A	X	77.362	7
80	MP2A	Z	133.995	7
81	MP2A	Mx	-.128	7
82	MP2B	X	77.362	2.5
83	MP2B	Z	133.995	2.5
84	MP2B	Mx	.0506	2.5
85	MP2B	X	77.362	7
86	MP2B	Z	133.995	7

Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2B	Mx	.0506	7
88	MP2C	X	55.579	2.5
89	MP2C	Z	96.266	2.5
90	MP2C	Mx	.0556	2.5
91	MP2C	X	55.579	7
92	MP2C	Z	96.266	7
93	MP2C	Mx	.0556	7
94	MP2A	X	8.962	3.5
95	MP2A	Z	15.523	3.5
96	MP2A	Mx	-.0042	3.5
97	MP2B	X	8.962	3.5
98	MP2B	Z	15.523	3.5
99	MP2B	Mx	.0087	3.5
100	MP2C	X	6.866	3.5
101	MP2C	Z	11.893	3.5
102	MP2C	Mx	-.0034	3.5
103	MP2A	X	26.427	2
104	MP2A	Z	45.773	2
105	MP2A	Mx	.0132	2
106	MP2B	X	26.427	2
107	MP2B	Z	45.773	2
108	MP2B	Mx	.0132	2
109	MP2C	X	19.321	2
110	MP2C	Z	33.465	2
111	MP2C	Mx	-.0193	2
112	MP2A	X	14.729	7
113	MP2A	Z	25.511	7
114	MP2A	Mx	-.0049	7
115	MP2A	X	14.729	7
116	MP2A	Z	25.511	7
117	MP2A	Mx	.0049	7

Member Point Loads (BLC 9 : Antenna Wo (180 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.75
2	MP3A	Z	72.826	1.75
3	MP3A	Mx	0	1.75
4	MP3A	X	0	3.75
5	MP3A	Z	72.826	3.75
6	MP3A	Mx	0	3.75
7	MP3B	X	0	1.75
8	MP3B	Z	37.017	1.75
9	MP3B	Mx	-.016	1.75
10	MP3B	X	0	3.75
11	MP3B	Z	37.017	3.75
12	MP3B	Mx	-.016	3.75
13	MP3C	X	0	1.75
14	MP3C	Z	37.017	1.75
15	MP3C	Mx	.016	1.75
16	MP3C	X	0	3.75
17	MP3C	Z	37.017	3.75
18	MP3C	Mx	.016	3.75
19	MP4C	X	0	.5
20	MP4C	Z	128.423	.5
21	MP4C	Mx	.0556	.5
22	MP4C	X	0	5

Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP4C	Z	128.423	5
24	MP4C	Mx	.0556	5
25	MP4A	X	0	.5
26	MP4A	Z	151.783	.5
27	MP4A	Mx	0	.5
28	MP4A	X	0	5
29	MP4A	Z	151.783	5
30	MP4A	Mx	0	5
31	MP4B	X	0	.5
32	MP4B	Z	113.262	.5
33	MP4B	Mx	-.049	.5
34	MP4B	X	0	5
35	MP4B	Z	113.262	5
36	MP4B	Mx	-.049	5
37	MP1A	X	0	2.75
38	MP1A	Z	56.849	2.75
39	MP1A	Mx	0	2.75
40	MP1B	X	0	2.75
41	MP1B	Z	35.245	2.75
42	MP1B	Mx	-.0153	2.75
43	MP1C	X	0	2.75
44	MP1C	Z	35.245	2.75
45	MP1C	Mx	.0153	2.75
46	OVP	X	0	1
47	OVP	Z	141.913	1
48	OVP	Mx	0	1
49	MP3A	X	0	.5
50	MP3A	Z	57.592	.5
51	MP3A	Mx	0	.5
52	MP3B	X	0	.5
53	MP3B	Z	38.085	.5
54	MP3B	Mx	.0165	.5
55	MP3C	X	0	.5
56	MP3C	Z	38.085	.5
57	MP3C	Mx	-.0165	.5
58	MP2A	X	0	2.5
59	MP2A	Z	169.246	2.5
60	MP2A	Mx	.1128	2.5
61	MP2A	X	0	7
62	MP2A	Z	169.246	7
63	MP2A	Mx	.1128	7
64	MP2B	X	0	2.5
65	MP2B	Z	125.68	2.5
66	MP2B	Mx	-.0963	2.5
67	MP2B	X	0	7
68	MP2B	Z	125.68	7
69	MP2B	Mx	-.0963	7
70	MP2C	X	0	2.5
71	MP2C	Z	125.68	2.5
72	MP2C	Mx	.0125	2.5
73	MP2C	X	0	7
74	MP2C	Z	125.68	7
75	MP2C	Mx	.0125	7
76	MP2A	X	0	2.5
77	MP2A	Z	169.246	2.5
78	MP2A	Mx	-.1128	2.5
79	MP2A	X	0	7

Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2A	Z	169.246	7
81	MP2A	Mx	-.1128	7
82	MP2B	X	0	2.5
83	MP2B	Z	125.68	2.5
84	MP2B	Mx	-.0125	2.5
85	MP2B	X	0	7
86	MP2B	Z	125.68	7
87	MP2B	Mx	-.0125	7
88	MP2C	X	0	2.5
89	MP2C	Z	125.68	2.5
90	MP2C	Mx	.0963	2.5
91	MP2C	X	0	7
92	MP2C	Z	125.68	7
93	MP2C	Mx	.0963	7
94	MP2A	X	0	3.5
95	MP2A	Z	19.321	3.5
96	MP2A	Mx	-.008	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	15.13	3.5
99	MP2B	Mx	.0064	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	15.13	3.5
102	MP2C	Mx	-.000124	3.5
103	MP2A	X	0	2
104	MP2A	Z	57.592	2
105	MP2A	Mx	0	2
106	MP2B	X	0	2
107	MP2B	Z	43.38	2
108	MP2B	Mx	.0188	2
109	MP2C	X	0	2
110	MP2C	Z	43.38	2
111	MP2C	Mx	-.0188	2
112	MP2A	X	0	7
113	MP2A	Z	35.67	7
114	MP2A	Mx	0	7
115	MP2A	X	0	7
116	MP2A	Z	35.67	7
117	MP2A	Mx	0	7

Member Point Loads (BLC 10 : Antenna Wo (210 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-30.445	1.75
2	MP3A	Z	52.732	1.75
3	MP3A	Mx	.0152	1.75
4	MP3A	X	-30.445	3.75
5	MP3A	Z	52.732	3.75
6	MP3A	Mx	.0152	3.75
7	MP3B	X	-12.54	1.75
8	MP3B	Z	21.72	1.75
9	MP3B	Mx	-.0125	1.75
10	MP3B	X	-12.54	3.75
11	MP3B	Z	21.72	3.75
12	MP3B	Mx	-.0125	3.75
13	MP3C	X	-30.445	1.75
14	MP3C	Z	52.732	1.75
15	MP3C	Mx	.0152	1.75

Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	-30.445	3.75
17	MP3C	Z	52.732	3.75
18	MP3C	Mx	.0152	3.75
19	MP4C	X	-78.562	.5
20	MP4C	Z	136.074	.5
21	MP4C	Mx	.0393	.5
22	MP4C	X	-78.562	5
23	MP4C	Z	136.074	5
24	MP4C	Mx	.0393	5
25	MP4A	X	-69.471	.5
26	MP4A	Z	120.328	.5
27	MP4A	Mx	.0347	.5
28	MP4A	X	-69.471	5
29	MP4A	Z	120.328	5
30	MP4A	Mx	.0347	5
31	MP4B	X	-50.211	.5
32	MP4B	Z	86.967	.5
33	MP4B	Mx	-.0502	.5
34	MP4B	X	-50.211	5
35	MP4B	Z	86.967	5
36	MP4B	Mx	-.0502	5
37	MP1A	X	-24.824	2.75
38	MP1A	Z	42.996	2.75
39	MP1A	Mx	.0124	2.75
40	MP1B	X	-14.022	2.75
41	MP1B	Z	24.286	2.75
42	MP1B	Mx	-.014	2.75
43	MP1C	X	-24.824	2.75
44	MP1C	Z	42.996	2.75
45	MP1C	Mx	.0124	2.75
46	OVP	X	-62.016	1
47	OVP	Z	107.415	1
48	OVP	Mx	0	1
49	MP3A	X	-25.545	.5
50	MP3A	Z	44.245	.5
51	MP3A	Mx	-.0128	.5
52	MP3B	X	-15.791	.5
53	MP3B	Z	27.351	.5
54	MP3B	Mx	.0158	.5
55	MP3C	X	-25.545	.5
56	MP3C	Z	44.245	.5
57	MP3C	Mx	-.0128	.5
58	MP2A	X	-77.362	2.5
59	MP2A	Z	133.995	2.5
60	MP2A	Mx	.128	2.5
61	MP2A	X	-77.362	7
62	MP2A	Z	133.995	7
63	MP2A	Mx	.128	7
64	MP2B	X	-55.579	2.5
65	MP2B	Z	96.266	2.5
66	MP2B	Mx	-.0556	2.5
67	MP2B	X	-55.579	7
68	MP2B	Z	96.266	7
69	MP2B	Mx	-.0556	7
70	MP2C	X	-77.362	2.5
71	MP2C	Z	133.995	2.5
72	MP2C	Mx	-.0506	2.5

Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2C	X	-77.362	7
74	MP2C	Z	133.995	7
75	MP2C	Mx	-.0506	7
76	MP2A	X	-77.362	2.5
77	MP2A	Z	133.995	2.5
78	MP2A	Mx	-.0506	2.5
79	MP2A	X	-77.362	7
80	MP2A	Z	133.995	7
81	MP2A	Mx	-.0506	7
82	MP2B	X	-55.579	2.5
83	MP2B	Z	96.266	2.5
84	MP2B	Mx	-.0556	2.5
85	MP2B	X	-55.579	7
86	MP2B	Z	96.266	7
87	MP2B	Mx	-.0556	7
88	MP2C	X	-77.362	2.5
89	MP2C	Z	133.995	2.5
90	MP2C	Mx	.128	2.5
91	MP2C	X	-77.362	7
92	MP2C	Z	133.995	7
93	MP2C	Mx	.128	7
94	MP2A	X	-8.962	3.5
95	MP2A	Z	15.523	3.5
96	MP2A	Mx	-.0087	3.5
97	MP2B	X	-6.866	3.5
98	MP2B	Z	11.893	3.5
99	MP2B	Mx	.0034	3.5
100	MP2C	X	-8.962	3.5
101	MP2C	Z	15.523	3.5
102	MP2C	Mx	.0042	3.5
103	MP2A	X	-26.427	2
104	MP2A	Z	45.773	2
105	MP2A	Mx	-.0132	2
106	MP2B	X	-19.321	2
107	MP2B	Z	33.465	2
108	MP2B	Mx	.0193	2
109	MP2C	X	-26.427	2
110	MP2C	Z	45.773	2
111	MP2C	Mx	-.0132	2
112	MP2A	X	-14.729	7
113	MP2A	Z	25.511	7
114	MP2A	Mx	.0049	7
115	MP2A	X	-14.729	7
116	MP2A	Z	25.511	7
117	MP2A	Mx	-.0049	7

Member Point Loads (BLC 11 : Antenna Wo (240 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-32.057	1.75
2	MP3A	Z	18.508	1.75
3	MP3A	Mx	.016	1.75
4	MP3A	X	-32.057	3.75
5	MP3A	Z	18.508	3.75
6	MP3A	Mx	.016	3.75
7	MP3B	X	-32.057	1.75
8	MP3B	Z	18.508	1.75

Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3B	Mx	-.016	1.75
10	MP3B	X	-32.057	3.75
11	MP3B	Z	18.508	3.75
12	MP3B	Mx	-.016	3.75
13	MP3C	X	-63.069	1.75
14	MP3C	Z	36.413	1.75
15	MP3C	Mx	0	1.75
16	MP3C	X	-63.069	3.75
17	MP3C	Z	36.413	3.75
18	MP3C	Mx	0	3.75
19	MP4C	X	-148.502	.5
20	MP4C	Z	85.738	.5
21	MP4C	Mx	0	.5
22	MP4C	X	-148.502	5
23	MP4C	Z	85.738	5
24	MP4C	Mx	0	5
25	MP4A	X	-98.087	.5
26	MP4A	Z	56.631	.5
27	MP4A	Mx	.049	.5
28	MP4A	X	-98.087	5
29	MP4A	Z	56.631	5
30	MP4A	Mx	.049	5
31	MP4B	X	-98.087	.5
32	MP4B	Z	56.631	.5
33	MP4B	Mx	-.049	.5
34	MP4B	X	-98.087	5
35	MP4B	Z	56.631	5
36	MP4B	Mx	-.049	5
37	MP1A	X	-30.523	2.75
38	MP1A	Z	17.622	2.75
39	MP1A	Mx	.0153	2.75
40	MP1B	X	-30.523	2.75
41	MP1B	Z	17.622	2.75
42	MP1B	Mx	-.0153	2.75
43	MP1C	X	-49.232	2.75
44	MP1C	Z	28.424	2.75
45	MP1C	Mx	0	2.75
46	OVP	X	-99.672	1
47	OVP	Z	57.545	1
48	OVP	Mx	0	1
49	MP3A	X	-32.983	.5
50	MP3A	Z	19.042	.5
51	MP3A	Mx	-.0165	.5
52	MP3B	X	-32.983	.5
53	MP3B	Z	19.042	.5
54	MP3B	Mx	.0165	.5
55	MP3C	X	-49.876	.5
56	MP3C	Z	28.796	.5
57	MP3C	Mx	0	.5
58	MP2A	X	-108.842	2.5
59	MP2A	Z	62.84	2.5
60	MP2A	Mx	.0963	2.5
61	MP2A	X	-108.842	7
62	MP2A	Z	62.84	7
63	MP2A	Mx	.0963	7
64	MP2B	X	-108.842	2.5
65	MP2B	Z	62.84	2.5

Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2B	Mx	-.0125	2.5
67	MP2B	X	-108.842	7
68	MP2B	Z	62.84	7
69	MP2B	Mx	-.0125	7
70	MP2C	X	-146.571	2.5
71	MP2C	Z	84.623	2.5
72	MP2C	Mx	-.1128	2.5
73	MP2C	X	-146.571	7
74	MP2C	Z	84.623	7
75	MP2C	Mx	-.1128	7
76	MP2A	X	-108.842	2.5
77	MP2A	Z	62.84	2.5
78	MP2A	Mx	.0125	2.5
79	MP2A	X	-108.842	7
80	MP2A	Z	62.84	7
81	MP2A	Mx	.0125	7
82	MP2B	X	-108.842	2.5
83	MP2B	Z	62.84	2.5
84	MP2B	Mx	-.0963	2.5
85	MP2B	X	-108.842	7
86	MP2B	Z	62.84	7
87	MP2B	Mx	-.0963	7
88	MP2C	X	-146.571	2.5
89	MP2C	Z	84.623	2.5
90	MP2C	Mx	.1128	2.5
91	MP2C	X	-146.571	7
92	MP2C	Z	84.623	7
93	MP2C	Mx	.1128	7
94	MP2A	X	-13.103	3.5
95	MP2A	Z	7.565	3.5
96	MP2A	Mx	-.0064	3.5
97	MP2B	X	-13.103	3.5
98	MP2B	Z	7.565	3.5
99	MP2B	Mx	.000124	3.5
100	MP2C	X	-16.733	3.5
101	MP2C	Z	9.661	3.5
102	MP2C	Mx	.0081	3.5
103	MP2A	X	-37.568	2
104	MP2A	Z	21.69	2
105	MP2A	Mx	-.0188	2
106	MP2B	X	-37.568	2
107	MP2B	Z	21.69	2
108	MP2B	Mx	.0188	2
109	MP2C	X	-49.876	2
110	MP2C	Z	28.796	2
111	MP2C	Mx	0	2
112	MP2A	X	-14.75	7
113	MP2A	Z	8.516	7
114	MP2A	Mx	.0049	7
115	MP2A	X	-14.75	7
116	MP2A	Z	8.516	7
117	MP2A	Mx	-.0049	7

Member Point Loads (BLC 12 : Antenna Wo (270 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-25.08	1.75

Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	0	1.75
3	MP3A	Mx	.0125	1.75
4	MP3A	X	-25.08	3.75
5	MP3A	Z	0	3.75
6	MP3A	Mx	.0125	3.75
7	MP3B	X	-60.89	1.75
8	MP3B	Z	0	1.75
9	MP3B	Mx	-.0152	1.75
10	MP3B	X	-60.89	3.75
11	MP3B	Z	0	3.75
12	MP3B	Mx	-.0152	3.75
13	MP3C	X	-60.89	1.75
14	MP3C	Z	0	1.75
15	MP3C	Mx	-.0152	1.75
16	MP3C	X	-60.89	3.75
17	MP3C	Z	0	3.75
18	MP3C	Mx	-.0152	3.75
19	MP4C	X	-157.124	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	-.0393	.5
22	MP4C	X	-157.124	5
23	MP4C	Z	0	5
24	MP4C	Mx	-.0393	5
25	MP4A	X	-100.421	.5
26	MP4A	Z	0	.5
27	MP4A	Mx	.0502	.5
28	MP4A	X	-100.421	5
29	MP4A	Z	0	5
30	MP4A	Mx	.0502	5
31	MP4B	X	-138.942	.5
32	MP4B	Z	0	.5
33	MP4B	Mx	-.0347	.5
34	MP4B	X	-138.942	5
35	MP4B	Z	0	5
36	MP4B	Mx	-.0347	5
37	MP1A	X	-28.044	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	.014	2.75
40	MP1B	X	-49.647	2.75
41	MP1B	Z	0	2.75
42	MP1B	Mx	-.0124	2.75
43	MP1C	X	-49.647	2.75
44	MP1C	Z	0	2.75
45	MP1C	Mx	-.0124	2.75
46	OVP	X	-124.032	1
47	OVP	Z	0	1
48	OVP	Mx	0	1
49	MP3A	X	-31.583	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	-.0158	.5
52	MP3B	X	-51.09	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	.0128	.5
55	MP3C	X	-51.09	.5
56	MP3C	Z	0	.5
57	MP3C	Mx	.0128	.5
58	MP2A	X	-111.159	2.5

Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2A	Z	0	2.5
60	MP2A	Mx	.0556	2.5
61	MP2A	X	-111.159	7
62	MP2A	Z	0	7
63	MP2A	Mx	.0556	7
64	MP2B	X	-154.724	2.5
65	MP2B	Z	0	2.5
66	MP2B	Mx	.0506	2.5
67	MP2B	X	-154.724	7
68	MP2B	Z	0	7
69	MP2B	Mx	.0506	7
70	MP2C	X	-154.724	2.5
71	MP2C	Z	0	2.5
72	MP2C	Mx	-.128	2.5
73	MP2C	X	-154.724	7
74	MP2C	Z	0	7
75	MP2C	Mx	-.128	7
76	MP2A	X	-111.159	2.5
77	MP2A	Z	0	2.5
78	MP2A	Mx	.0556	2.5
79	MP2A	X	-111.159	7
80	MP2A	Z	0	7
81	MP2A	Mx	.0556	7
82	MP2B	X	-154.724	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	-.128	2.5
85	MP2B	X	-154.724	7
86	MP2B	Z	0	7
87	MP2B	Mx	-.128	7
88	MP2C	X	-154.724	2.5
89	MP2C	Z	0	2.5
90	MP2C	Mx	.0506	2.5
91	MP2C	X	-154.724	7
92	MP2C	Z	0	7
93	MP2C	Mx	.0506	7
94	MP2A	X	-13.733	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	-.0034	3.5
97	MP2B	X	-17.924	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	-.0042	3.5
100	MP2C	X	-17.924	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	.0087	3.5
103	MP2A	X	-38.642	2
104	MP2A	Z	0	2
105	MP2A	Mx	-.0193	2
106	MP2B	X	-52.855	2
107	MP2B	Z	0	2
108	MP2B	Mx	.0132	2
109	MP2C	X	-52.855	2
110	MP2C	Z	0	2
111	MP2C	Mx	.0132	2
112	MP2A	X	-10.819	7
113	MP2A	Z	0	7
114	MP2A	Mx	.0036	7
115	MP2A	X	-10.819	7

Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP2A	Z	0	7
117	MP2A	Mx	-.0036	7

Member Point Loads (BLC 13 : Antenna Wo (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-32.057	1.75
2	MP3A	Z	-18.508	1.75
3	MP3A	Mx	.016	1.75
4	MP3A	X	-32.057	3.75
5	MP3A	Z	-18.508	3.75
6	MP3A	Mx	.016	3.75
7	MP3B	X	-63.069	1.75
8	MP3B	Z	-36.413	1.75
9	MP3B	Mx	0	1.75
10	MP3B	X	-63.069	3.75
11	MP3B	Z	-36.413	3.75
12	MP3B	Mx	0	3.75
13	MP3C	X	-32.057	1.75
14	MP3C	Z	-18.508	1.75
15	MP3C	Mx	-.016	1.75
16	MP3C	X	-32.057	3.75
17	MP3C	Z	-18.508	3.75
18	MP3C	Mx	-.016	3.75
19	MP4C	X	-111.217	.5
20	MP4C	Z	-64.211	.5
21	MP4C	Mx	-.0556	.5
22	MP4C	X	-111.217	5
23	MP4C	Z	-64.211	5
24	MP4C	Mx	-.0556	5
25	MP4A	X	-98.087	.5
26	MP4A	Z	-56.631	.5
27	MP4A	Mx	.049	.5
28	MP4A	X	-98.087	5
29	MP4A	Z	-56.631	5
30	MP4A	Mx	.049	5
31	MP4B	X	-131.448	.5
32	MP4B	Z	-75.891	.5
33	MP4B	Mx	0	.5
34	MP4B	X	-131.448	5
35	MP4B	Z	-75.891	5
36	MP4B	Mx	0	5
37	MP1A	X	-30.523	2.75
38	MP1A	Z	-17.622	2.75
39	MP1A	Mx	.0153	2.75
40	MP1B	X	-49.232	2.75
41	MP1B	Z	-28.424	2.75
42	MP1B	Mx	0	2.75
43	MP1C	X	-30.523	2.75
44	MP1C	Z	-17.622	2.75
45	MP1C	Mx	-.0153	2.75
46	OVP	X	-122.9	1
47	OVP	Z	-70.956	1
48	OVP	Mx	0	1
49	MP3A	X	-32.983	.5
50	MP3A	Z	-19.042	.5
51	MP3A	Mx	-.0165	.5

Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3B	X	-49.876	.5
53	MP3B	Z	-28.796	.5
54	MP3B	Mx	0	.5
55	MP3C	X	-32.983	.5
56	MP3C	Z	-19.042	.5
57	MP3C	Mx	.0165	.5
58	MP2A	X	-108.842	2.5
59	MP2A	Z	-62.84	2.5
60	MP2A	Mx	.0125	2.5
61	MP2A	X	-108.842	7
62	MP2A	Z	-62.84	7
63	MP2A	Mx	.0125	7
64	MP2B	X	-146.571	2.5
65	MP2B	Z	-84.623	2.5
66	MP2B	Mx	.1128	2.5
67	MP2B	X	-146.571	7
68	MP2B	Z	-84.623	7
69	MP2B	Mx	.1128	7
70	MP2C	X	-108.842	2.5
71	MP2C	Z	-62.84	2.5
72	MP2C	Mx	-.0963	2.5
73	MP2C	X	-108.842	7
74	MP2C	Z	-62.84	7
75	MP2C	Mx	-.0963	7
76	MP2A	X	-108.842	2.5
77	MP2A	Z	-62.84	2.5
78	MP2A	Mx	.0963	2.5
79	MP2A	X	-108.842	7
80	MP2A	Z	-62.84	7
81	MP2A	Mx	.0963	7
82	MP2B	X	-146.571	2.5
83	MP2B	Z	-84.623	2.5
84	MP2B	Mx	-.1128	2.5
85	MP2B	X	-146.571	7
86	MP2B	Z	-84.623	7
87	MP2B	Mx	-.1128	7
88	MP2C	X	-108.842	2.5
89	MP2C	Z	-62.84	2.5
90	MP2C	Mx	-.0125	2.5
91	MP2C	X	-108.842	7
92	MP2C	Z	-62.84	7
93	MP2C	Mx	-.0125	7
94	MP2A	X	-13.103	3.5
95	MP2A	Z	-7.565	3.5
96	MP2A	Mx	-.000124	3.5
97	MP2B	X	-16.733	3.5
98	MP2B	Z	-9.661	3.5
99	MP2B	Mx	-.0081	3.5
100	MP2C	X	-13.103	3.5
101	MP2C	Z	-7.565	3.5
102	MP2C	Mx	.0064	3.5
103	MP2A	X	-37.568	2
104	MP2A	Z	-21.69	2
105	MP2A	Mx	-.0188	2
106	MP2B	X	-49.876	2
107	MP2B	Z	-28.796	2
108	MP2B	Mx	0	2

Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP2C	X	-37.568	2
110	MP2C	Z	-21.69	2
111	MP2C	Mx	.0188	2
112	MP2A	X	-14.75	7
113	MP2A	Z	-8.516	7
114	MP2A	Mx	.0049	7
115	MP2A	X	-14.75	7
116	MP2A	Z	-8.516	7
117	MP2A	Mx	-.0049	7

Member Point Loads (BLC 14 : Antenna Wo (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-30.445	1.75
2	MP3A	Z	-52.732	1.75
3	MP3A	Mx	.0152	1.75
4	MP3A	X	-30.445	3.75
5	MP3A	Z	-52.732	3.75
6	MP3A	Mx	.0152	3.75
7	MP3B	X	-30.445	1.75
8	MP3B	Z	-52.732	1.75
9	MP3B	Mx	.0152	1.75
10	MP3B	X	-30.445	3.75
11	MP3B	Z	-52.732	3.75
12	MP3B	Mx	.0152	3.75
13	MP3C	X	-12.54	1.75
14	MP3C	Z	-21.72	1.75
15	MP3C	Mx	-.0125	1.75
16	MP3C	X	-12.54	3.75
17	MP3C	Z	-21.72	3.75
18	MP3C	Mx	-.0125	3.75
19	MP4C	X	-57.036	.5
20	MP4C	Z	-98.789	.5
21	MP4C	Mx	-.057	.5
22	MP4C	X	-57.036	5
23	MP4C	Z	-98.789	5
24	MP4C	Mx	-.057	5
25	MP4A	X	-69.471	.5
26	MP4A	Z	-120.328	.5
27	MP4A	Mx	.0347	.5
28	MP4A	X	-69.471	5
29	MP4A	Z	-120.328	5
30	MP4A	Mx	.0347	5
31	MP4B	X	-69.471	.5
32	MP4B	Z	-120.328	.5
33	MP4B	Mx	.0347	.5
34	MP4B	X	-69.471	5
35	MP4B	Z	-120.328	5
36	MP4B	Mx	.0347	5
37	MP1A	X	-24.824	2.75
38	MP1A	Z	-42.996	2.75
39	MP1A	Mx	.0124	2.75
40	MP1B	X	-24.824	2.75
41	MP1B	Z	-42.996	2.75
42	MP1B	Mx	.0124	2.75
43	MP1C	X	-14.022	2.75
44	MP1C	Z	-24.286	2.75

Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1C	Mx	-.014	2.75
46	OVP	X	-75.427	1
47	OVP	Z	-130.643	1
48	OVP	Mx	0	1
49	MP3A	X	-25.545	.5
50	MP3A	Z	-44.245	.5
51	MP3A	Mx	-.0128	.5
52	MP3B	X	-25.545	.5
53	MP3B	Z	-44.245	.5
54	MP3B	Mx	-.0128	.5
55	MP3C	X	-15.791	.5
56	MP3C	Z	-27.351	.5
57	MP3C	Mx	.0158	.5
58	MP2A	X	-77.362	2.5
59	MP2A	Z	-133.995	2.5
60	MP2A	Mx	-.0506	2.5
61	MP2A	X	-77.362	7
62	MP2A	Z	-133.995	7
63	MP2A	Mx	-.0506	7
64	MP2B	X	-77.362	2.5
65	MP2B	Z	-133.995	2.5
66	MP2B	Mx	.128	2.5
67	MP2B	X	-77.362	7
68	MP2B	Z	-133.995	7
69	MP2B	Mx	.128	7
70	MP2C	X	-55.579	2.5
71	MP2C	Z	-96.266	2.5
72	MP2C	Mx	-.0556	2.5
73	MP2C	X	-55.579	7
74	MP2C	Z	-96.266	7
75	MP2C	Mx	-.0556	7
76	MP2A	X	-77.362	2.5
77	MP2A	Z	-133.995	2.5
78	MP2A	Mx	.128	2.5
79	MP2A	X	-77.362	7
80	MP2A	Z	-133.995	7
81	MP2A	Mx	.128	7
82	MP2B	X	-77.362	2.5
83	MP2B	Z	-133.995	2.5
84	MP2B	Mx	-.0506	2.5
85	MP2B	X	-77.362	7
86	MP2B	Z	-133.995	7
87	MP2B	Mx	-.0506	7
88	MP2C	X	-55.579	2.5
89	MP2C	Z	-96.266	2.5
90	MP2C	Mx	-.0556	2.5
91	MP2C	X	-55.579	7
92	MP2C	Z	-96.266	7
93	MP2C	Mx	-.0556	7
94	MP2A	X	-8.962	3.5
95	MP2A	Z	-15.523	3.5
96	MP2A	Mx	.0042	3.5
97	MP2B	X	-8.962	3.5
98	MP2B	Z	-15.523	3.5
99	MP2B	Mx	-.0087	3.5
100	MP2C	X	-6.866	3.5
101	MP2C	Z	-11.893	3.5

Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP2C	Mx	.0034	3.5
103	MP2A	X	-26.427	2
104	MP2A	Z	-45.773	2
105	MP2A	Mx	-.0132	2
106	MP2B	X	-26.427	2
107	MP2B	Z	-45.773	2
108	MP2B	Mx	-.0132	2
109	MP2C	X	-19.321	2
110	MP2C	Z	-33.465	2
111	MP2C	Mx	.0193	2
112	MP2A	X	-14.729	7
113	MP2A	Z	-25.511	7
114	MP2A	Mx	.0049	7
115	MP2A	X	-14.729	7
116	MP2A	Z	-25.511	7
117	MP2A	Mx	-.0049	7

Member Point Loads (BLC 15 : Antenna Wi (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.75
2	MP3A	Z	-15.785	1.75
3	MP3A	Mx	0	1.75
4	MP3A	X	0	3.75
5	MP3A	Z	-15.785	3.75
6	MP3A	Mx	0	3.75
7	MP3B	X	0	1.75
8	MP3B	Z	-8.99	1.75
9	MP3B	Mx	.0039	1.75
10	MP3B	X	0	3.75
11	MP3B	Z	-8.99	3.75
12	MP3B	Mx	.0039	3.75
13	MP3C	X	0	1.75
14	MP3C	Z	-8.99	1.75
15	MP3C	Mx	-.0039	1.75
16	MP3C	X	0	3.75
17	MP3C	Z	-8.99	3.75
18	MP3C	Mx	-.0039	3.75
19	MP4C	X	0	.5
20	MP4C	Z	-23.192	.5
21	MP4C	Mx	-.01	.5
22	MP4C	X	0	5
23	MP4C	Z	-23.192	5
24	MP4C	Mx	-.01	5
25	MP4A	X	0	.5
26	MP4A	Z	-26.793	.5
27	MP4A	Mx	0	.5
28	MP4A	X	0	5
29	MP4A	Z	-26.793	5
30	MP4A	Mx	0	5
31	MP4B	X	0	.5
32	MP4B	Z	-20.558	.5
33	MP4B	Mx	.0089	.5
34	MP4B	X	0	5
35	MP4B	Z	-20.558	5
36	MP4B	Mx	.0089	5
37	MP1A	X	0	2.75

Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP1A	Z	-11.147	2.75
39	MP1A	Mx	0	2.75
40	MP1B	X	0	2.75
41	MP1B	Z	-7.3	2.75
42	MP1B	Mx	.0032	2.75
43	MP1C	X	0	2.75
44	MP1C	Z	-7.3	2.75
45	MP1C	Mx	-.0032	2.75
46	OVP	X	0	1
47	OVP	Z	-25.851	1
48	OVP	Mx	0	1
49	MP3A	X	0	.5
50	MP3A	Z	-13.305	.5
51	MP3A	Mx	0	.5
52	MP3B	X	0	.5
53	MP3B	Z	-9.113	.5
54	MP3B	Mx	-.0039	.5
55	MP3C	X	0	.5
56	MP3C	Z	-9.113	.5
57	MP3C	Mx	.0039	.5
58	MP2A	X	0	2.5
59	MP2A	Z	-29.677	2.5
60	MP2A	Mx	-.0198	2.5
61	MP2A	X	0	7
62	MP2A	Z	-29.677	7
63	MP2A	Mx	-.0198	7
64	MP2B	X	0	2.5
65	MP2B	Z	-22.603	2.5
66	MP2B	Mx	.0173	2.5
67	MP2B	X	0	7
68	MP2B	Z	-22.603	7
69	MP2B	Mx	.0173	7
70	MP2C	X	0	2.5
71	MP2C	Z	-22.603	2.5
72	MP2C	Mx	-.0023	2.5
73	MP2C	X	0	7
74	MP2C	Z	-22.603	7
75	MP2C	Mx	-.0023	7
76	MP2A	X	0	2.5
77	MP2A	Z	-29.677	2.5
78	MP2A	Mx	.0198	2.5
79	MP2A	X	0	7
80	MP2A	Z	-29.677	7
81	MP2A	Mx	.0198	7
82	MP2B	X	0	2.5
83	MP2B	Z	-22.603	2.5
84	MP2B	Mx	.0023	2.5
85	MP2B	X	0	7
86	MP2B	Z	-22.603	7
87	MP2B	Mx	.0023	7
88	MP2C	X	0	2.5
89	MP2C	Z	-22.603	2.5
90	MP2C	Mx	-.0173	2.5
91	MP2C	X	0	7
92	MP2C	Z	-22.603	7
93	MP2C	Mx	-.0173	7
94	MP2A	X	0	3.5

Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	Z	-4.286	3.5
96	MP2A	Mx	.0018	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	-3.503	3.5
99	MP2B	Mx	-.0015	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	-3.503	3.5
102	MP2C	Mx	2.9e-5	3.5
103	MP2A	X	0	2
104	MP2A	Z	-13.305	2
105	MP2A	Mx	0	2
106	MP2B	X	0	2
107	MP2B	Z	-10.268	2
108	MP2B	Mx	-.0044	2
109	MP2C	X	0	2
110	MP2C	Z	-10.268	2
111	MP2C	Mx	.0044	2
112	MP2A	X	0	7
113	MP2A	Z	-7.314	7
114	MP2A	Mx	0	7
115	MP2A	X	0	7
116	MP2A	Z	-7.314	7
117	MP2A	Mx	0	7

Member Point Loads (BLC 16 : Antenna Wi (30 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.76	1.75
2	MP3A	Z	-11.709	1.75
3	MP3A	Mx	-.0034	1.75
4	MP3A	X	6.76	3.75
5	MP3A	Z	-11.709	3.75
6	MP3A	Mx	-.0034	3.75
7	MP3B	X	3.362	1.75
8	MP3B	Z	-5.824	1.75
9	MP3B	Mx	.0034	1.75
10	MP3B	X	3.362	3.75
11	MP3B	Z	-5.824	3.75
12	MP3B	Mx	.0034	3.75
13	MP3C	X	6.76	1.75
14	MP3C	Z	-11.709	1.75
15	MP3C	Mx	-.0034	1.75
16	MP3C	X	6.76	3.75
17	MP3C	Z	-11.709	3.75
18	MP3C	Mx	-.0034	3.75
19	MP4C	X	13.93	.5
20	MP4C	Z	-24.127	.5
21	MP4C	Mx	-.007	.5
22	MP4C	X	13.93	5
23	MP4C	Z	-24.127	5
24	MP4C	Mx	-.007	5
25	MP4A	X	12.357	.5
26	MP4A	Z	-21.404	.5
27	MP4A	Mx	-.0062	.5
28	MP4A	X	12.357	5
29	MP4A	Z	-21.404	5
30	MP4A	Mx	-.0062	5

Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP4B	X	9.24	.5
32	MP4B	Z	-16.004	.5
33	MP4B	Mx	.0092	.5
34	MP4B	X	9.24	5
35	MP4B	Z	-16.004	5
36	MP4B	Mx	.0092	5
37	MP1A	X	4.932	2.75
38	MP1A	Z	-8.543	2.75
39	MP1A	Mx	-.0025	2.75
40	MP1B	X	3.009	2.75
41	MP1B	Z	-5.211	2.75
42	MP1B	Mx	.003	2.75
43	MP1C	X	4.932	2.75
44	MP1C	Z	-8.543	2.75
45	MP1C	Mx	-.0025	2.75
46	OVP	X	11.435	1
47	OVP	Z	-19.806	1
48	OVP	Mx	0	1
49	MP3A	X	5.954	.5
50	MP3A	Z	-10.312	.5
51	MP3A	Mx	.003	.5
52	MP3B	X	3.858	.5
53	MP3B	Z	-6.683	.5
54	MP3B	Mx	-.0039	.5
55	MP3C	X	5.954	.5
56	MP3C	Z	-10.312	.5
57	MP3C	Mx	.003	.5
58	MP2A	X	13.66	2.5
59	MP2A	Z	-23.659	2.5
60	MP2A	Mx	-.0226	2.5
61	MP2A	X	13.66	7
62	MP2A	Z	-23.659	7
63	MP2A	Mx	-.0226	7
64	MP2B	X	10.123	2.5
65	MP2B	Z	-17.533	2.5
66	MP2B	Mx	.0101	2.5
67	MP2B	X	10.123	7
68	MP2B	Z	-17.533	7
69	MP2B	Mx	.0101	7
70	MP2C	X	13.66	2.5
71	MP2C	Z	-23.659	2.5
72	MP2C	Mx	.0089	2.5
73	MP2C	X	13.66	7
74	MP2C	Z	-23.659	7
75	MP2C	Mx	.0089	7
76	MP2A	X	13.66	2.5
77	MP2A	Z	-23.659	2.5
78	MP2A	Mx	.0089	2.5
79	MP2A	X	13.66	7
80	MP2A	Z	-23.659	7
81	MP2A	Mx	.0089	7
82	MP2B	X	10.123	2.5
83	MP2B	Z	-17.533	2.5
84	MP2B	Mx	.0101	2.5
85	MP2B	X	10.123	7
86	MP2B	Z	-17.533	7
87	MP2B	Mx	.0101	7

Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2C	X	13.66	2.5
89	MP2C	Z	-23.659	2.5
90	MP2C	Mx	-.0226	2.5
91	MP2C	X	13.66	7
92	MP2C	Z	-23.659	7
93	MP2C	Mx	-.0226	7
94	MP2A	X	2.012	3.5
95	MP2A	Z	-3.486	3.5
96	MP2A	Mx	.002	3.5
97	MP2B	X	1.621	3.5
98	MP2B	Z	-2.808	3.5
99	MP2B	Mx	-.000811	3.5
100	MP2C	X	2.012	3.5
101	MP2C	Z	-3.486	3.5
102	MP2C	Mx	-.000949	3.5
103	MP2A	X	6.146	2
104	MP2A	Z	-10.645	2
105	MP2A	Mx	.0031	2
106	MP2B	X	4.628	2
107	MP2B	Z	-8.015	2
108	MP2B	Mx	-.0046	2
109	MP2C	X	6.146	2
110	MP2C	Z	-10.645	2
111	MP2C	Mx	.0031	2
112	MP2A	X	3.087	7
113	MP2A	Z	-5.348	7
114	MP2A	Mx	-.001	7
115	MP2A	X	3.087	7
116	MP2A	Z	-5.348	7
117	MP2A	Mx	.001	7

Member Point Loads (BLC 17 : Antenna Wi (60 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.785	1.75
2	MP3A	Z	-4.495	1.75
3	MP3A	Mx	-.0039	1.75
4	MP3A	X	7.785	3.75
5	MP3A	Z	-4.495	3.75
6	MP3A	Mx	-.0039	3.75
7	MP3B	X	7.785	1.75
8	MP3B	Z	-4.495	1.75
9	MP3B	Mx	.0039	1.75
10	MP3B	X	7.785	3.75
11	MP3B	Z	-4.495	3.75
12	MP3B	Mx	.0039	3.75
13	MP3C	X	13.67	1.75
14	MP3C	Z	-7.893	1.75
15	MP3C	Mx	0	1.75
16	MP3C	X	13.67	3.75
17	MP3C	Z	-7.893	3.75
18	MP3C	Mx	0	3.75
19	MP4C	X	26.148	.5
20	MP4C	Z	-15.097	.5
21	MP4C	Mx	0	.5
22	MP4C	X	26.148	5
23	MP4C	Z	-15.097	5

Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4C	Mx	0	5
25	MP4A	X	17.804	.5
26	MP4A	Z	-10.279	.5
27	MP4A	Mx	-.0089	.5
28	MP4A	X	17.804	5
29	MP4A	Z	-10.279	5
30	MP4A	Mx	-.0089	5
31	MP4B	X	17.804	.5
32	MP4B	Z	-10.279	.5
33	MP4B	Mx	.0089	.5
34	MP4B	X	17.804	5
35	MP4B	Z	-10.279	5
36	MP4B	Mx	.0089	5
37	MP1A	X	6.322	2.75
38	MP1A	Z	-3.65	2.75
39	MP1A	Mx	-.0032	2.75
40	MP1B	X	6.322	2.75
41	MP1B	Z	-3.65	2.75
42	MP1B	Mx	.0032	2.75
43	MP1C	X	9.654	2.75
44	MP1C	Z	-5.573	2.75
45	MP1C	Mx	0	2.75
46	OVP	X	18.516	1
47	OVP	Z	-10.69	1
48	OVP	Mx	0	1
49	MP3A	X	7.892	.5
50	MP3A	Z	-4.557	.5
51	MP3A	Mx	.0039	.5
52	MP3B	X	7.892	.5
53	MP3B	Z	-4.557	.5
54	MP3B	Mx	-.0039	.5
55	MP3C	X	11.522	.5
56	MP3C	Z	-6.652	.5
57	MP3C	Mx	0	.5
58	MP2A	X	19.575	2.5
59	MP2A	Z	-11.302	2.5
60	MP2A	Mx	-.0173	2.5
61	MP2A	X	19.575	7
62	MP2A	Z	-11.302	7
63	MP2A	Mx	-.0173	7
64	MP2B	X	19.575	2.5
65	MP2B	Z	-11.302	2.5
66	MP2B	Mx	.0023	2.5
67	MP2B	X	19.575	7
68	MP2B	Z	-11.302	7
69	MP2B	Mx	.0023	7
70	MP2C	X	25.701	2.5
71	MP2C	Z	-14.839	2.5
72	MP2C	Mx	.0198	2.5
73	MP2C	X	25.701	7
74	MP2C	Z	-14.839	7
75	MP2C	Mx	.0198	7
76	MP2A	X	19.575	2.5
77	MP2A	Z	-11.302	2.5
78	MP2A	Mx	-.0023	2.5
79	MP2A	X	19.575	7
80	MP2A	Z	-11.302	7

Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP2A	Mx	-.0023	7
82	MP2B	X	19.575	2.5
83	MP2B	Z	-11.302	2.5
84	MP2B	Mx	.0173	2.5
85	MP2B	X	19.575	7
86	MP2B	Z	-11.302	7
87	MP2B	Mx	.0173	7
88	MP2C	X	25.701	2.5
89	MP2C	Z	-14.839	2.5
90	MP2C	Mx	-.0198	2.5
91	MP2C	X	25.701	7
92	MP2C	Z	-14.839	7
93	MP2C	Mx	-.0198	7
94	MP2A	X	3.034	3.5
95	MP2A	Z	-1.751	3.5
96	MP2A	Mx	.0015	3.5
97	MP2B	X	3.034	3.5
98	MP2B	Z	-1.751	3.5
99	MP2B	Mx	-2.8e-5	3.5
100	MP2C	X	3.712	3.5
101	MP2C	Z	-2.143	3.5
102	MP2C	Mx	-.0018	3.5
103	MP2A	X	8.892	2
104	MP2A	Z	-5.134	2
105	MP2A	Mx	.0044	2
106	MP2B	X	8.892	2
107	MP2B	Z	-5.134	2
108	MP2B	Mx	-.0044	2
109	MP2C	X	11.522	2
110	MP2C	Z	-6.652	2
111	MP2C	Mx	0	2
112	MP2A	X	3.374	7
113	MP2A	Z	-1.948	7
114	MP2A	Mx	-.0011	7
115	MP2A	X	3.374	7
116	MP2A	Z	-1.948	7
117	MP2A	Mx	.0011	7

Member Point Loads (BLC 18 : Antenna Wi (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.725	1.75
2	MP3A	Z	0	1.75
3	MP3A	Mx	-.0034	1.75
4	MP3A	X	6.725	3.75
5	MP3A	Z	0	3.75
6	MP3A	Mx	-.0034	3.75
7	MP3B	X	13.52	1.75
8	MP3B	Z	0	1.75
9	MP3B	Mx	.0034	1.75
10	MP3B	X	13.52	3.75
11	MP3B	Z	0	3.75
12	MP3B	Mx	.0034	3.75
13	MP3C	X	13.52	1.75
14	MP3C	Z	0	1.75
15	MP3C	Mx	.0034	1.75
16	MP3C	X	13.52	3.75

Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3C	Z	0	3.75
18	MP3C	Mx	.0034	3.75
19	MP4C	X	27.86	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	.007	.5
22	MP4C	X	27.86	5
23	MP4C	Z	0	5
24	MP4C	Mx	.007	5
25	MP4A	X	18.48	.5
26	MP4A	Z	0	.5
27	MP4A	Mx	-.0092	.5
28	MP4A	X	18.48	5
29	MP4A	Z	0	5
30	MP4A	Mx	-.0092	5
31	MP4B	X	24.715	.5
32	MP4B	Z	0	.5
33	MP4B	Mx	.0062	.5
34	MP4B	X	24.715	5
35	MP4B	Z	0	5
36	MP4B	Mx	.0062	5
37	MP1A	X	6.018	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	-.003	2.75
40	MP1B	X	9.865	2.75
41	MP1B	Z	0	2.75
42	MP1B	Mx	.0025	2.75
43	MP1C	X	9.865	2.75
44	MP1C	Z	0	2.75
45	MP1C	Mx	.0025	2.75
46	OVP	X	22.871	1
47	OVP	Z	0	1
48	OVP	Mx	0	1
49	MP3A	X	7.716	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	.0039	.5
52	MP3B	X	11.908	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	-.003	.5
55	MP3C	X	11.908	.5
56	MP3C	Z	0	.5
57	MP3C	Mx	-.003	.5
58	MP2A	X	20.245	2.5
59	MP2A	Z	0	2.5
60	MP2A	Mx	-.0101	2.5
61	MP2A	X	20.245	7
62	MP2A	Z	0	7
63	MP2A	Mx	-.0101	7
64	MP2B	X	27.319	2.5
65	MP2B	Z	0	2.5
66	MP2B	Mx	-.0089	2.5
67	MP2B	X	27.319	7
68	MP2B	Z	0	7
69	MP2B	Mx	-.0089	7
70	MP2C	X	27.319	2.5
71	MP2C	Z	0	2.5
72	MP2C	Mx	.0226	2.5
73	MP2C	X	27.319	7

Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	Z	0	7
75	MP2C	Mx	.0226	7
76	MP2A	X	20.245	2.5
77	MP2A	Z	0	2.5
78	MP2A	Mx	-.0101	2.5
79	MP2A	X	20.245	7
80	MP2A	Z	0	7
81	MP2A	Mx	-.0101	7
82	MP2B	X	27.319	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	.0226	2.5
85	MP2B	X	27.319	7
86	MP2B	Z	0	7
87	MP2B	Mx	.0226	7
88	MP2C	X	27.319	2.5
89	MP2C	Z	0	2.5
90	MP2C	Mx	-.0089	2.5
91	MP2C	X	27.319	7
92	MP2C	Z	0	7
93	MP2C	Mx	-.0089	7
94	MP2A	X	3.242	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	.00081	3.5
97	MP2B	X	4.025	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	.000949	3.5
100	MP2C	X	4.025	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	-.002	3.5
103	MP2A	X	9.255	2
104	MP2A	Z	0	2
105	MP2A	Mx	.0046	2
106	MP2B	X	12.292	2
107	MP2B	Z	0	2
108	MP2B	Mx	-.0031	2
109	MP2C	X	12.292	2
110	MP2C	Z	0	2
111	MP2C	Mx	-.0031	2
112	MP2A	X	2.756	7
113	MP2A	Z	0	7
114	MP2A	Mx	-.000919	7
115	MP2A	X	2.756	7
116	MP2A	Z	0	7
117	MP2A	Mx	.000919	7

Member Point Loads (BLC 19 : Antenna Wi (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.785	1.75
2	MP3A	Z	4.495	1.75
3	MP3A	Mx	-.0039	1.75
4	MP3A	X	7.785	3.75
5	MP3A	Z	4.495	3.75
6	MP3A	Mx	-.0039	3.75
7	MP3B	X	13.67	1.75
8	MP3B	Z	7.893	1.75
9	MP3B	Mx	0	1.75

Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP3B	X	13.67	3.75
11	MP3B	Z	7.893	3.75
12	MP3B	Mx	0	3.75
13	MP3C	X	7.785	1.75
14	MP3C	Z	4.495	1.75
15	MP3C	Mx	.0039	1.75
16	MP3C	X	7.785	3.75
17	MP3C	Z	4.495	3.75
18	MP3C	Mx	.0039	3.75
19	MP4C	X	20.085	.5
20	MP4C	Z	11.596	.5
21	MP4C	Mx	.01	.5
22	MP4C	X	20.085	5
23	MP4C	Z	11.596	5
24	MP4C	Mx	.01	5
25	MP4A	X	17.804	.5
26	MP4A	Z	10.279	.5
27	MP4A	Mx	-.0089	.5
28	MP4A	X	17.804	5
29	MP4A	Z	10.279	5
30	MP4A	Mx	-.0089	5
31	MP4B	X	23.204	.5
32	MP4B	Z	13.397	.5
33	MP4B	Mx	0	.5
34	MP4B	X	23.204	5
35	MP4B	Z	13.397	5
36	MP4B	Mx	0	5
37	MP1A	X	6.322	2.75
38	MP1A	Z	3.65	2.75
39	MP1A	Mx	-.0032	2.75
40	MP1B	X	9.654	2.75
41	MP1B	Z	5.573	2.75
42	MP1B	Mx	0	2.75
43	MP1C	X	6.322	2.75
44	MP1C	Z	3.65	2.75
45	MP1C	Mx	.0032	2.75
46	OVP	X	22.387	1
47	OVP	Z	12.925	1
48	OVP	Mx	0	1
49	MP3A	X	7.892	.5
50	MP3A	Z	4.557	.5
51	MP3A	Mx	.0039	.5
52	MP3B	X	11.522	.5
53	MP3B	Z	6.652	.5
54	MP3B	Mx	0	.5
55	MP3C	X	7.892	.5
56	MP3C	Z	4.557	.5
57	MP3C	Mx	-.0039	.5
58	MP2A	X	19.575	2.5
59	MP2A	Z	11.302	2.5
60	MP2A	Mx	-.0023	2.5
61	MP2A	X	19.575	7
62	MP2A	Z	11.302	7
63	MP2A	Mx	-.0023	7
64	MP2B	X	25.701	2.5
65	MP2B	Z	14.839	2.5
66	MP2B	Mx	-.0198	2.5

Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2B	X	25.701	7
68	MP2B	Z	14.839	7
69	MP2B	Mx	-.0198	7
70	MP2C	X	19.575	2.5
71	MP2C	Z	11.302	2.5
72	MP2C	Mx	.0173	2.5
73	MP2C	X	19.575	7
74	MP2C	Z	11.302	7
75	MP2C	Mx	.0173	7
76	MP2A	X	19.575	2.5
77	MP2A	Z	11.302	2.5
78	MP2A	Mx	-.0173	2.5
79	MP2A	X	19.575	7
80	MP2A	Z	11.302	7
81	MP2A	Mx	-.0173	7
82	MP2B	X	25.701	2.5
83	MP2B	Z	14.839	2.5
84	MP2B	Mx	.0198	2.5
85	MP2B	X	25.701	7
86	MP2B	Z	14.839	7
87	MP2B	Mx	.0198	7
88	MP2C	X	19.575	2.5
89	MP2C	Z	11.302	2.5
90	MP2C	Mx	.0023	2.5
91	MP2C	X	19.575	7
92	MP2C	Z	11.302	7
93	MP2C	Mx	.0023	7
94	MP2A	X	3.034	3.5
95	MP2A	Z	1.751	3.5
96	MP2A	Mx	2.9e-5	3.5
97	MP2B	X	3.712	3.5
98	MP2B	Z	2.143	3.5
99	MP2B	Mx	.0018	3.5
100	MP2C	X	3.034	3.5
101	MP2C	Z	1.751	3.5
102	MP2C	Mx	-.0015	3.5
103	MP2A	X	8.892	2
104	MP2A	Z	5.134	2
105	MP2A	Mx	.0044	2
106	MP2B	X	11.522	2
107	MP2B	Z	6.652	2
108	MP2B	Mx	0	2
109	MP2C	X	8.892	2
110	MP2C	Z	5.134	2
111	MP2C	Mx	-.0044	2
112	MP2A	X	3.374	7
113	MP2A	Z	1.948	7
114	MP2A	Mx	-.0011	7
115	MP2A	X	3.374	7
116	MP2A	Z	1.948	7
117	MP2A	Mx	.0011	7

Member Point Loads (BLC 20 : Antenna Wi (150 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.76	1.75
2	MP3A	Z	11.709	1.75

Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	-.0034	1.75
4	MP3A	X	6.76	3.75
5	MP3A	Z	11.709	3.75
6	MP3A	Mx	-.0034	3.75
7	MP3B	X	6.76	1.75
8	MP3B	Z	11.709	1.75
9	MP3B	Mx	-.0034	1.75
10	MP3B	X	6.76	3.75
11	MP3B	Z	11.709	3.75
12	MP3B	Mx	-.0034	3.75
13	MP3C	X	3.362	1.75
14	MP3C	Z	5.824	1.75
15	MP3C	Mx	.0034	1.75
16	MP3C	X	3.362	3.75
17	MP3C	Z	5.824	3.75
18	MP3C	Mx	.0034	3.75
19	MP4C	X	10.429	.5
20	MP4C	Z	18.064	.5
21	MP4C	Mx	.0104	.5
22	MP4C	X	10.429	5
23	MP4C	Z	18.064	5
24	MP4C	Mx	.0104	5
25	MP4A	X	12.357	.5
26	MP4A	Z	21.404	.5
27	MP4A	Mx	-.0062	.5
28	MP4A	X	12.357	5
29	MP4A	Z	21.404	5
30	MP4A	Mx	-.0062	5
31	MP4B	X	12.357	.5
32	MP4B	Z	21.404	.5
33	MP4B	Mx	-.0062	.5
34	MP4B	X	12.357	5
35	MP4B	Z	21.404	5
36	MP4B	Mx	-.0062	5
37	MP1A	X	4.932	2.75
38	MP1A	Z	8.543	2.75
39	MP1A	Mx	-.0025	2.75
40	MP1B	X	4.932	2.75
41	MP1B	Z	8.543	2.75
42	MP1B	Mx	-.0025	2.75
43	MP1C	X	3.009	2.75
44	MP1C	Z	5.211	2.75
45	MP1C	Mx	.003	2.75
46	OVP	X	13.67	1
47	OVP	Z	23.678	1
48	OVP	Mx	0	1
49	MP3A	X	5.954	.5
50	MP3A	Z	10.312	.5
51	MP3A	Mx	.003	.5
52	MP3B	X	5.954	.5
53	MP3B	Z	10.312	.5
54	MP3B	Mx	.003	.5
55	MP3C	X	3.858	.5
56	MP3C	Z	6.683	.5
57	MP3C	Mx	-.0039	.5
58	MP2A	X	13.66	2.5
59	MP2A	Z	23.659	2.5

Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mx	.0089	2.5
61	MP2A	X	13.66	7
62	MP2A	Z	23.659	7
63	MP2A	Mx	.0089	7
64	MP2B	X	13.66	2.5
65	MP2B	Z	23.659	2.5
66	MP2B	Mx	-.0226	2.5
67	MP2B	X	13.66	7
68	MP2B	Z	23.659	7
69	MP2B	Mx	-.0226	7
70	MP2C	X	10.123	2.5
71	MP2C	Z	17.533	2.5
72	MP2C	Mx	.0101	2.5
73	MP2C	X	10.123	7
74	MP2C	Z	17.533	7
75	MP2C	Mx	.0101	7
76	MP2A	X	13.66	2.5
77	MP2A	Z	23.659	2.5
78	MP2A	Mx	-.0226	2.5
79	MP2A	X	13.66	7
80	MP2A	Z	23.659	7
81	MP2A	Mx	-.0226	7
82	MP2B	X	13.66	2.5
83	MP2B	Z	23.659	2.5
84	MP2B	Mx	.0089	2.5
85	MP2B	X	13.66	7
86	MP2B	Z	23.659	7
87	MP2B	Mx	.0089	7
88	MP2C	X	10.123	2.5
89	MP2C	Z	17.533	2.5
90	MP2C	Mx	.0101	2.5
91	MP2C	X	10.123	7
92	MP2C	Z	17.533	7
93	MP2C	Mx	.0101	7
94	MP2A	X	2.012	3.5
95	MP2A	Z	3.486	3.5
96	MP2A	Mx	-.00095	3.5
97	MP2B	X	2.012	3.5
98	MP2B	Z	3.486	3.5
99	MP2B	Mx	.002	3.5
100	MP2C	X	1.621	3.5
101	MP2C	Z	2.808	3.5
102	MP2C	Mx	-.000811	3.5
103	MP2A	X	6.146	2
104	MP2A	Z	10.645	2
105	MP2A	Mx	.0031	2
106	MP2B	X	6.146	2
107	MP2B	Z	10.645	2
108	MP2B	Mx	.0031	2
109	MP2C	X	4.628	2
110	MP2C	Z	8.015	2
111	MP2C	Mx	-.0046	2
112	MP2A	X	3.087	7
113	MP2A	Z	5.348	7
114	MP2A	Mx	-.001	7
115	MP2A	X	3.087	7
116	MP2A	Z	5.348	7

Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP2A	Mx	.001	7

Member Point Loads (BLC 21 : Antenna Wi (180 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.75
2	MP3A	Z	15.785	1.75
3	MP3A	Mx	0	1.75
4	MP3A	X	0	3.75
5	MP3A	Z	15.785	3.75
6	MP3A	Mx	0	3.75
7	MP3B	X	0	1.75
8	MP3B	Z	8.99	1.75
9	MP3B	Mx	-.0039	1.75
10	MP3B	X	0	3.75
11	MP3B	Z	8.99	3.75
12	MP3B	Mx	-.0039	3.75
13	MP3C	X	0	1.75
14	MP3C	Z	8.99	1.75
15	MP3C	Mx	.0039	1.75
16	MP3C	X	0	3.75
17	MP3C	Z	8.99	3.75
18	MP3C	Mx	.0039	3.75
19	MP4C	X	0	.5
20	MP4C	Z	23.192	.5
21	MP4C	Mx	.01	.5
22	MP4C	X	0	5
23	MP4C	Z	23.192	5
24	MP4C	Mx	.01	5
25	MP4A	X	0	.5
26	MP4A	Z	26.793	.5
27	MP4A	Mx	0	.5
28	MP4A	X	0	5
29	MP4A	Z	26.793	5
30	MP4A	Mx	0	5
31	MP4B	X	0	.5
32	MP4B	Z	20.558	.5
33	MP4B	Mx	-.0089	.5
34	MP4B	X	0	5
35	MP4B	Z	20.558	5
36	MP4B	Mx	-.0089	5
37	MP1A	X	0	2.75
38	MP1A	Z	11.147	2.75
39	MP1A	Mx	0	2.75
40	MP1B	X	0	2.75
41	MP1B	Z	7.3	2.75
42	MP1B	Mx	-.0032	2.75
43	MP1C	X	0	2.75
44	MP1C	Z	7.3	2.75
45	MP1C	Mx	.0032	2.75
46	OVP	X	0	1
47	OVP	Z	25.851	1
48	OVP	Mx	0	1
49	MP3A	X	0	.5
50	MP3A	Z	13.305	.5
51	MP3A	Mx	0	.5
52	MP3B	X	0	.5

Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3B	Z	9.113	.5
54	MP3B	Mx	.0039	.5
55	MP3C	X	0	.5
56	MP3C	Z	9.113	.5
57	MP3C	Mx	-.0039	.5
58	MP2A	X	0	2.5
59	MP2A	Z	29.677	2.5
60	MP2A	Mx	.0198	2.5
61	MP2A	X	0	7
62	MP2A	Z	29.677	7
63	MP2A	Mx	.0198	7
64	MP2B	X	0	2.5
65	MP2B	Z	22.603	2.5
66	MP2B	Mx	-.0173	2.5
67	MP2B	X	0	7
68	MP2B	Z	22.603	7
69	MP2B	Mx	-.0173	7
70	MP2C	X	0	2.5
71	MP2C	Z	22.603	2.5
72	MP2C	Mx	.0023	2.5
73	MP2C	X	0	7
74	MP2C	Z	22.603	7
75	MP2C	Mx	.0023	7
76	MP2A	X	0	2.5
77	MP2A	Z	29.677	2.5
78	MP2A	Mx	-.0198	2.5
79	MP2A	X	0	7
80	MP2A	Z	29.677	7
81	MP2A	Mx	-.0198	7
82	MP2B	X	0	2.5
83	MP2B	Z	22.603	2.5
84	MP2B	Mx	-.0023	2.5
85	MP2B	X	0	7
86	MP2B	Z	22.603	7
87	MP2B	Mx	-.0023	7
88	MP2C	X	0	2.5
89	MP2C	Z	22.603	2.5
90	MP2C	Mx	.0173	2.5
91	MP2C	X	0	7
92	MP2C	Z	22.603	7
93	MP2C	Mx	.0173	7
94	MP2A	X	0	3.5
95	MP2A	Z	4.286	3.5
96	MP2A	Mx	-.0018	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	3.503	3.5
99	MP2B	Mx	.0015	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	3.503	3.5
102	MP2C	Mx	-2.9e-5	3.5
103	MP2A	X	0	2
104	MP2A	Z	13.305	2
105	MP2A	Mx	0	2
106	MP2B	X	0	2
107	MP2B	Z	10.268	2
108	MP2B	Mx	.0044	2
109	MP2C	X	0	2

Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP2C	Z	10.268	2
111	MP2C	Mx	-.0044	2
112	MP2A	X	0	7
113	MP2A	Z	7.314	7
114	MP2A	Mx	0	7
115	MP2A	X	0	7
116	MP2A	Z	7.314	7
117	MP2A	Mx	0	7

Member Point Loads (BLC 22 : Antenna Wi (210 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.76	1.75
2	MP3A	Z	11.709	1.75
3	MP3A	Mx	.0034	1.75
4	MP3A	X	-6.76	3.75
5	MP3A	Z	11.709	3.75
6	MP3A	Mx	.0034	3.75
7	MP3B	X	-3.362	1.75
8	MP3B	Z	5.824	1.75
9	MP3B	Mx	-.0034	1.75
10	MP3B	X	-3.362	3.75
11	MP3B	Z	5.824	3.75
12	MP3B	Mx	-.0034	3.75
13	MP3C	X	-6.76	1.75
14	MP3C	Z	11.709	1.75
15	MP3C	Mx	.0034	1.75
16	MP3C	X	-6.76	3.75
17	MP3C	Z	11.709	3.75
18	MP3C	Mx	.0034	3.75
19	MP4C	X	-13.93	.5
20	MP4C	Z	24.127	.5
21	MP4C	Mx	.007	.5
22	MP4C	X	-13.93	5
23	MP4C	Z	24.127	5
24	MP4C	Mx	.007	5
25	MP4A	X	-12.357	.5
26	MP4A	Z	21.404	.5
27	MP4A	Mx	.0062	.5
28	MP4A	X	-12.357	5
29	MP4A	Z	21.404	5
30	MP4A	Mx	.0062	5
31	MP4B	X	-9.24	.5
32	MP4B	Z	16.004	.5
33	MP4B	Mx	-.0092	.5
34	MP4B	X	-9.24	5
35	MP4B	Z	16.004	5
36	MP4B	Mx	-.0092	5
37	MP1A	X	-4.932	2.75
38	MP1A	Z	8.543	2.75
39	MP1A	Mx	.0025	2.75
40	MP1B	X	-3.009	2.75
41	MP1B	Z	5.211	2.75
42	MP1B	Mx	-.003	2.75
43	MP1C	X	-4.932	2.75
44	MP1C	Z	8.543	2.75
45	MP1C	Mx	.0025	2.75

Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	OVP	X	-11.435	1
47	OVP	Z	19.806	1
48	OVP	Mx	0	1
49	MP3A	X	-5.954	.5
50	MP3A	Z	10.312	.5
51	MP3A	Mx	-.003	.5
52	MP3B	X	-3.858	.5
53	MP3B	Z	6.683	.5
54	MP3B	Mx	.0039	.5
55	MP3C	X	-5.954	.5
56	MP3C	Z	10.312	.5
57	MP3C	Mx	-.003	.5
58	MP2A	X	-13.66	2.5
59	MP2A	Z	23.659	2.5
60	MP2A	Mx	.0226	2.5
61	MP2A	X	-13.66	7
62	MP2A	Z	23.659	7
63	MP2A	Mx	.0226	7
64	MP2B	X	-10.123	2.5
65	MP2B	Z	17.533	2.5
66	MP2B	Mx	-.0101	2.5
67	MP2B	X	-10.123	7
68	MP2B	Z	17.533	7
69	MP2B	Mx	-.0101	7
70	MP2C	X	-13.66	2.5
71	MP2C	Z	23.659	2.5
72	MP2C	Mx	-.0089	2.5
73	MP2C	X	-13.66	7
74	MP2C	Z	23.659	7
75	MP2C	Mx	-.0089	7
76	MP2A	X	-13.66	2.5
77	MP2A	Z	23.659	2.5
78	MP2A	Mx	-.0089	2.5
79	MP2A	X	-13.66	7
80	MP2A	Z	23.659	7
81	MP2A	Mx	-.0089	7
82	MP2B	X	-10.123	2.5
83	MP2B	Z	17.533	2.5
84	MP2B	Mx	-.0101	2.5
85	MP2B	X	-10.123	7
86	MP2B	Z	17.533	7
87	MP2B	Mx	-.0101	7
88	MP2C	X	-13.66	2.5
89	MP2C	Z	23.659	2.5
90	MP2C	Mx	.0226	2.5
91	MP2C	X	-13.66	7
92	MP2C	Z	23.659	7
93	MP2C	Mx	.0226	7
94	MP2A	X	-2.012	3.5
95	MP2A	Z	3.486	3.5
96	MP2A	Mx	-.002	3.5
97	MP2B	X	-1.621	3.5
98	MP2B	Z	2.808	3.5
99	MP2B	Mx	.000811	3.5
100	MP2C	X	-2.012	3.5
101	MP2C	Z	3.486	3.5
102	MP2C	Mx	.000949	3.5

Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP2A	X	-6.146	2
104	MP2A	Z	10.645	2
105	MP2A	Mx	-.0031	2
106	MP2B	X	-4.628	2
107	MP2B	Z	8.015	2
108	MP2B	Mx	.0046	2
109	MP2C	X	-6.146	2
110	MP2C	Z	10.645	2
111	MP2C	Mx	-.0031	2
112	MP2A	X	-3.087	7
113	MP2A	Z	5.348	7
114	MP2A	Mx	.001	7
115	MP2A	X	-3.087	7
116	MP2A	Z	5.348	7
117	MP2A	Mx	-.001	7

Member Point Loads (BLC 23 : Antenna Wi (240 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.785	1.75
2	MP3A	Z	4.495	1.75
3	MP3A	Mx	.0039	1.75
4	MP3A	X	-7.785	3.75
5	MP3A	Z	4.495	3.75
6	MP3A	Mx	.0039	3.75
7	MP3B	X	-7.785	1.75
8	MP3B	Z	4.495	1.75
9	MP3B	Mx	-.0039	1.75
10	MP3B	X	-7.785	3.75
11	MP3B	Z	4.495	3.75
12	MP3B	Mx	-.0039	3.75
13	MP3C	X	-13.67	1.75
14	MP3C	Z	7.893	1.75
15	MP3C	Mx	0	1.75
16	MP3C	X	-13.67	3.75
17	MP3C	Z	7.893	3.75
18	MP3C	Mx	0	3.75
19	MP4C	X	-26.148	.5
20	MP4C	Z	15.097	.5
21	MP4C	Mx	0	.5
22	MP4C	X	-26.148	5
23	MP4C	Z	15.097	5
24	MP4C	Mx	0	5
25	MP4A	X	-17.804	.5
26	MP4A	Z	10.279	.5
27	MP4A	Mx	.0089	.5
28	MP4A	X	-17.804	5
29	MP4A	Z	10.279	5
30	MP4A	Mx	.0089	5
31	MP4B	X	-17.804	.5
32	MP4B	Z	10.279	.5
33	MP4B	Mx	-.0089	.5
34	MP4B	X	-17.804	5
35	MP4B	Z	10.279	5
36	MP4B	Mx	-.0089	5
37	MP1A	X	-6.322	2.75
38	MP1A	Z	3.65	2.75

Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1A	Mx	.0032	2.75
40	MP1B	X	-6.322	2.75
41	MP1B	Z	3.65	2.75
42	MP1B	Mx	-.0032	2.75
43	MP1C	X	-9.654	2.75
44	MP1C	Z	5.573	2.75
45	MP1C	Mx	0	2.75
46	OVP	X	-18.516	1
47	OVP	Z	10.69	1
48	OVP	Mx	0	1
49	MP3A	X	-7.892	.5
50	MP3A	Z	4.557	.5
51	MP3A	Mx	-.0039	.5
52	MP3B	X	-7.892	.5
53	MP3B	Z	4.557	.5
54	MP3B	Mx	.0039	.5
55	MP3C	X	-11.522	.5
56	MP3C	Z	6.652	.5
57	MP3C	Mx	0	.5
58	MP2A	X	-19.575	2.5
59	MP2A	Z	11.302	2.5
60	MP2A	Mx	.0173	2.5
61	MP2A	X	-19.575	7
62	MP2A	Z	11.302	7
63	MP2A	Mx	.0173	7
64	MP2B	X	-19.575	2.5
65	MP2B	Z	11.302	2.5
66	MP2B	Mx	-.0023	2.5
67	MP2B	X	-19.575	7
68	MP2B	Z	11.302	7
69	MP2B	Mx	-.0023	7
70	MP2C	X	-25.701	2.5
71	MP2C	Z	14.839	2.5
72	MP2C	Mx	-.0198	2.5
73	MP2C	X	-25.701	7
74	MP2C	Z	14.839	7
75	MP2C	Mx	-.0198	7
76	MP2A	X	-19.575	2.5
77	MP2A	Z	11.302	2.5
78	MP2A	Mx	.0023	2.5
79	MP2A	X	-19.575	7
80	MP2A	Z	11.302	7
81	MP2A	Mx	.0023	7
82	MP2B	X	-19.575	2.5
83	MP2B	Z	11.302	2.5
84	MP2B	Mx	-.0173	2.5
85	MP2B	X	-19.575	7
86	MP2B	Z	11.302	7
87	MP2B	Mx	-.0173	7
88	MP2C	X	-25.701	2.5
89	MP2C	Z	14.839	2.5
90	MP2C	Mx	.0198	2.5
91	MP2C	X	-25.701	7
92	MP2C	Z	14.839	7
93	MP2C	Mx	.0198	7
94	MP2A	X	-3.034	3.5
95	MP2A	Z	1.751	3.5

Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP2A	Mx	-.0015	3.5
97	MP2B	X	-3.034	3.5
98	MP2B	Z	1.751	3.5
99	MP2B	Mx	2.8e-5	3.5
100	MP2C	X	-3.712	3.5
101	MP2C	Z	2.143	3.5
102	MP2C	Mx	.0018	3.5
103	MP2A	X	-8.892	2
104	MP2A	Z	5.134	2
105	MP2A	Mx	-.0044	2
106	MP2B	X	-8.892	2
107	MP2B	Z	5.134	2
108	MP2B	Mx	.0044	2
109	MP2C	X	-11.522	2
110	MP2C	Z	6.652	2
111	MP2C	Mx	0	2
112	MP2A	X	-3.374	7
113	MP2A	Z	1.948	7
114	MP2A	Mx	.0011	7
115	MP2A	X	-3.374	7
116	MP2A	Z	1.948	7
117	MP2A	Mx	-.0011	7

Member Point Loads (BLC 24 : Antenna Wi (270 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.725	1.75
2	MP3A	Z	0	1.75
3	MP3A	Mx	.0034	1.75
4	MP3A	X	-6.725	3.75
5	MP3A	Z	0	3.75
6	MP3A	Mx	.0034	3.75
7	MP3B	X	-13.52	1.75
8	MP3B	Z	0	1.75
9	MP3B	Mx	-.0034	1.75
10	MP3B	X	-13.52	3.75
11	MP3B	Z	0	3.75
12	MP3B	Mx	-.0034	3.75
13	MP3C	X	-13.52	1.75
14	MP3C	Z	0	1.75
15	MP3C	Mx	-.0034	1.75
16	MP3C	X	-13.52	3.75
17	MP3C	Z	0	3.75
18	MP3C	Mx	-.0034	3.75
19	MP4C	X	-27.86	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	-.007	.5
22	MP4C	X	-27.86	5
23	MP4C	Z	0	5
24	MP4C	Mx	-.007	5
25	MP4A	X	-18.48	.5
26	MP4A	Z	0	.5
27	MP4A	Mx	.0092	.5
28	MP4A	X	-18.48	5
29	MP4A	Z	0	5
30	MP4A	Mx	.0092	5
31	MP4B	X	-24.715	.5

Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP4B	Z	0	.5
33	MP4B	Mx	-.0062	.5
34	MP4B	X	-24.715	5
35	MP4B	Z	0	5
36	MP4B	Mx	-.0062	5
37	MP1A	X	-6.018	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	.003	2.75
40	MP1B	X	-9.865	2.75
41	MP1B	Z	0	2.75
42	MP1B	Mx	-.0025	2.75
43	MP1C	X	-9.865	2.75
44	MP1C	Z	0	2.75
45	MP1C	Mx	-.0025	2.75
46	OVP	X	-22.871	1
47	OVP	Z	0	1
48	OVP	Mx	0	1
49	MP3A	X	-7.716	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	-.0039	.5
52	MP3B	X	-11.908	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	.003	.5
55	MP3C	X	-11.908	.5
56	MP3C	Z	0	.5
57	MP3C	Mx	.003	.5
58	MP2A	X	-20.245	2.5
59	MP2A	Z	0	2.5
60	MP2A	Mx	.0101	2.5
61	MP2A	X	-20.245	7
62	MP2A	Z	0	7
63	MP2A	Mx	.0101	7
64	MP2B	X	-27.319	2.5
65	MP2B	Z	0	2.5
66	MP2B	Mx	.0089	2.5
67	MP2B	X	-27.319	7
68	MP2B	Z	0	7
69	MP2B	Mx	.0089	7
70	MP2C	X	-27.319	2.5
71	MP2C	Z	0	2.5
72	MP2C	Mx	-.0226	2.5
73	MP2C	X	-27.319	7
74	MP2C	Z	0	7
75	MP2C	Mx	-.0226	7
76	MP2A	X	-20.245	2.5
77	MP2A	Z	0	2.5
78	MP2A	Mx	.0101	2.5
79	MP2A	X	-20.245	7
80	MP2A	Z	0	7
81	MP2A	Mx	.0101	7
82	MP2B	X	-27.319	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	-.0226	2.5
85	MP2B	X	-27.319	7
86	MP2B	Z	0	7
87	MP2B	Mx	-.0226	7
88	MP2C	X	-27.319	2.5

Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2C	Z	0	2.5
90	MP2C	Mx	.0089	2.5
91	MP2C	X	-27.319	7
92	MP2C	Z	0	7
93	MP2C	Mx	.0089	7
94	MP2A	X	-3.242	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	-.00081	3.5
97	MP2B	X	-4.025	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	-.000949	3.5
100	MP2C	X	-4.025	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	.002	3.5
103	MP2A	X	-9.255	2
104	MP2A	Z	0	2
105	MP2A	Mx	-.0046	2
106	MP2B	X	-12.292	2
107	MP2B	Z	0	2
108	MP2B	Mx	.0031	2
109	MP2C	X	-12.292	2
110	MP2C	Z	0	2
111	MP2C	Mx	.0031	2
112	MP2A	X	-2.756	7
113	MP2A	Z	0	7
114	MP2A	Mx	.000919	7
115	MP2A	X	-2.756	7
116	MP2A	Z	0	7
117	MP2A	Mx	-.000919	7

Member Point Loads (BLC 25 : Antenna Wi (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.785	1.75
2	MP3A	Z	-4.495	1.75
3	MP3A	Mx	.0039	1.75
4	MP3A	X	-7.785	3.75
5	MP3A	Z	-4.495	3.75
6	MP3A	Mx	.0039	3.75
7	MP3B	X	-13.67	1.75
8	MP3B	Z	-7.893	1.75
9	MP3B	Mx	0	1.75
10	MP3B	X	-13.67	3.75
11	MP3B	Z	-7.893	3.75
12	MP3B	Mx	0	3.75
13	MP3C	X	-7.785	1.75
14	MP3C	Z	-4.495	1.75
15	MP3C	Mx	-.0039	1.75
16	MP3C	X	-7.785	3.75
17	MP3C	Z	-4.495	3.75
18	MP3C	Mx	-.0039	3.75
19	MP4C	X	-20.085	.5
20	MP4C	Z	-11.596	.5
21	MP4C	Mx	-.01	.5
22	MP4C	X	-20.085	5
23	MP4C	Z	-11.596	5
24	MP4C	Mx	-.01	5

Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP4A	X	-17.804	.5
26	MP4A	Z	-10.279	.5
27	MP4A	Mx	.0089	.5
28	MP4A	X	-17.804	5
29	MP4A	Z	-10.279	5
30	MP4A	Mx	.0089	5
31	MP4B	X	-23.204	.5
32	MP4B	Z	-13.397	.5
33	MP4B	Mx	0	.5
34	MP4B	X	-23.204	5
35	MP4B	Z	-13.397	5
36	MP4B	Mx	0	5
37	MP1A	X	-6.322	2.75
38	MP1A	Z	-3.65	2.75
39	MP1A	Mx	.0032	2.75
40	MP1B	X	-9.654	2.75
41	MP1B	Z	-5.573	2.75
42	MP1B	Mx	0	2.75
43	MP1C	X	-6.322	2.75
44	MP1C	Z	-3.65	2.75
45	MP1C	Mx	-.0032	2.75
46	OVP	X	-22.387	1
47	OVP	Z	-12.925	1
48	OVP	Mx	0	1
49	MP3A	X	-7.892	.5
50	MP3A	Z	-4.557	.5
51	MP3A	Mx	-.0039	.5
52	MP3B	X	-11.522	.5
53	MP3B	Z	-6.652	.5
54	MP3B	Mx	0	.5
55	MP3C	X	-7.892	.5
56	MP3C	Z	-4.557	.5
57	MP3C	Mx	.0039	.5
58	MP2A	X	-19.575	2.5
59	MP2A	Z	-11.302	2.5
60	MP2A	Mx	.0023	2.5
61	MP2A	X	-19.575	7
62	MP2A	Z	-11.302	7
63	MP2A	Mx	.0023	7
64	MP2B	X	-25.701	2.5
65	MP2B	Z	-14.839	2.5
66	MP2B	Mx	.0198	2.5
67	MP2B	X	-25.701	7
68	MP2B	Z	-14.839	7
69	MP2B	Mx	.0198	7
70	MP2C	X	-19.575	2.5
71	MP2C	Z	-11.302	2.5
72	MP2C	Mx	-.0173	2.5
73	MP2C	X	-19.575	7
74	MP2C	Z	-11.302	7
75	MP2C	Mx	-.0173	7
76	MP2A	X	-19.575	2.5
77	MP2A	Z	-11.302	2.5
78	MP2A	Mx	.0173	2.5
79	MP2A	X	-19.575	7
80	MP2A	Z	-11.302	7
81	MP2A	Mx	.0173	7

Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP2B	X	-25.701	2.5
83	MP2B	Z	-14.839	2.5
84	MP2B	Mx	-.0198	2.5
85	MP2B	X	-25.701	7
86	MP2B	Z	-14.839	7
87	MP2B	Mx	-.0198	7
88	MP2C	X	-19.575	2.5
89	MP2C	Z	-11.302	2.5
90	MP2C	Mx	-.0023	2.5
91	MP2C	X	-19.575	7
92	MP2C	Z	-11.302	7
93	MP2C	Mx	-.0023	7
94	MP2A	X	-3.034	3.5
95	MP2A	Z	-1.751	3.5
96	MP2A	Mx	-2.9e-5	3.5
97	MP2B	X	-3.712	3.5
98	MP2B	Z	-2.143	3.5
99	MP2B	Mx	-.0018	3.5
100	MP2C	X	-3.034	3.5
101	MP2C	Z	-1.751	3.5
102	MP2C	Mx	.0015	3.5
103	MP2A	X	-8.892	2
104	MP2A	Z	-5.134	2
105	MP2A	Mx	-.0044	2
106	MP2B	X	-11.522	2
107	MP2B	Z	-6.652	2
108	MP2B	Mx	0	2
109	MP2C	X	-8.892	2
110	MP2C	Z	-5.134	2
111	MP2C	Mx	.0044	2
112	MP2A	X	-3.374	7
113	MP2A	Z	-1.948	7
114	MP2A	Mx	.0011	7
115	MP2A	X	-3.374	7
116	MP2A	Z	-1.948	7
117	MP2A	Mx	-.0011	7

Member Point Loads (BLC 26 : Antenna Wi (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.76	1.75
2	MP3A	Z	-11.709	1.75
3	MP3A	Mx	.0034	1.75
4	MP3A	X	-6.76	3.75
5	MP3A	Z	-11.709	3.75
6	MP3A	Mx	.0034	3.75
7	MP3B	X	-6.76	1.75
8	MP3B	Z	-11.709	1.75
9	MP3B	Mx	.0034	1.75
10	MP3B	X	-6.76	3.75
11	MP3B	Z	-11.709	3.75
12	MP3B	Mx	.0034	3.75
13	MP3C	X	-3.362	1.75
14	MP3C	Z	-5.824	1.75
15	MP3C	Mx	-.0034	1.75
16	MP3C	X	-3.362	3.75
17	MP3C	Z	-5.824	3.75

Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.0034	3.75
19	MP4C	X	-10.429	.5
20	MP4C	Z	-18.064	.5
21	MP4C	Mx	-.0104	.5
22	MP4C	X	-10.429	5
23	MP4C	Z	-18.064	5
24	MP4C	Mx	-.0104	5
25	MP4A	X	-12.357	.5
26	MP4A	Z	-21.404	.5
27	MP4A	Mx	.0062	.5
28	MP4A	X	-12.357	5
29	MP4A	Z	-21.404	5
30	MP4A	Mx	.0062	5
31	MP4B	X	-12.357	.5
32	MP4B	Z	-21.404	.5
33	MP4B	Mx	.0062	.5
34	MP4B	X	-12.357	5
35	MP4B	Z	-21.404	5
36	MP4B	Mx	.0062	5
37	MP1A	X	-4.932	2.75
38	MP1A	Z	-8.543	2.75
39	MP1A	Mx	.0025	2.75
40	MP1B	X	-4.932	2.75
41	MP1B	Z	-8.543	2.75
42	MP1B	Mx	.0025	2.75
43	MP1C	X	-3.009	2.75
44	MP1C	Z	-5.211	2.75
45	MP1C	Mx	-.003	2.75
46	OVP	X	-13.67	1
47	OVP	Z	-23.678	1
48	OVP	Mx	0	1
49	MP3A	X	-5.954	.5
50	MP3A	Z	-10.312	.5
51	MP3A	Mx	-.003	.5
52	MP3B	X	-5.954	.5
53	MP3B	Z	-10.312	.5
54	MP3B	Mx	-.003	.5
55	MP3C	X	-3.858	.5
56	MP3C	Z	-6.683	.5
57	MP3C	Mx	.0039	.5
58	MP2A	X	-13.66	2.5
59	MP2A	Z	-23.659	2.5
60	MP2A	Mx	-.0089	2.5
61	MP2A	X	-13.66	7
62	MP2A	Z	-23.659	7
63	MP2A	Mx	-.0089	7
64	MP2B	X	-13.66	2.5
65	MP2B	Z	-23.659	2.5
66	MP2B	Mx	.0226	2.5
67	MP2B	X	-13.66	7
68	MP2B	Z	-23.659	7
69	MP2B	Mx	.0226	7
70	MP2C	X	-10.123	2.5
71	MP2C	Z	-17.533	2.5
72	MP2C	Mx	-.0101	2.5
73	MP2C	X	-10.123	7
74	MP2C	Z	-17.533	7

Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	-.0101	7
76	MP2A	X	-13.66	2.5
77	MP2A	Z	-23.659	2.5
78	MP2A	Mx	.0226	2.5
79	MP2A	X	-13.66	7
80	MP2A	Z	-23.659	7
81	MP2A	Mx	.0226	7
82	MP2B	X	-13.66	2.5
83	MP2B	Z	-23.659	2.5
84	MP2B	Mx	-.0089	2.5
85	MP2B	X	-13.66	7
86	MP2B	Z	-23.659	7
87	MP2B	Mx	-.0089	7
88	MP2C	X	-10.123	2.5
89	MP2C	Z	-17.533	2.5
90	MP2C	Mx	-.0101	2.5
91	MP2C	X	-10.123	7
92	MP2C	Z	-17.533	7
93	MP2C	Mx	-.0101	7
94	MP2A	X	-2.012	3.5
95	MP2A	Z	-3.486	3.5
96	MP2A	Mx	.00095	3.5
97	MP2B	X	-2.012	3.5
98	MP2B	Z	-3.486	3.5
99	MP2B	Mx	-.002	3.5
100	MP2C	X	-1.621	3.5
101	MP2C	Z	-2.808	3.5
102	MP2C	Mx	.000811	3.5
103	MP2A	X	-6.146	2
104	MP2A	Z	-10.645	2
105	MP2A	Mx	-.0031	2
106	MP2B	X	-6.146	2
107	MP2B	Z	-10.645	2
108	MP2B	Mx	-.0031	2
109	MP2C	X	-4.628	2
110	MP2C	Z	-8.015	2
111	MP2C	Mx	.0046	2
112	MP2A	X	-3.087	7
113	MP2A	Z	-5.348	7
114	MP2A	Mx	.001	7
115	MP2A	X	-3.087	7
116	MP2A	Z	-5.348	7
117	MP2A	Mx	-.001	7

Member Point Loads (BLC 27 : Antenna Wm (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.75
2	MP3A	Z	-4.195	1.75
3	MP3A	Mx	0	1.75
4	MP3A	X	0	3.75
5	MP3A	Z	-4.195	3.75
6	MP3A	Mx	0	3.75
7	MP3B	X	0	1.75
8	MP3B	Z	-2.132	1.75
9	MP3B	Mx	.000923	1.75
10	MP3B	X	0	3.75

Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3B	Z	-2.132	3.75
12	MP3B	Mx	.000923	3.75
13	MP3C	X	0	1.75
14	MP3C	Z	-2.132	1.75
15	MP3C	Mx	-.000923	1.75
16	MP3C	X	0	3.75
17	MP3C	Z	-2.132	3.75
18	MP3C	Mx	-.000923	3.75
19	MP4C	X	0	.5
20	MP4C	Z	-7.397	.5
21	MP4C	Mx	-.0032	.5
22	MP4C	X	0	5
23	MP4C	Z	-7.397	5
24	MP4C	Mx	-.0032	5
25	MP4A	X	0	.5
26	MP4A	Z	-8.743	.5
27	MP4A	Mx	0	.5
28	MP4A	X	0	5
29	MP4A	Z	-8.743	5
30	MP4A	Mx	0	5
31	MP4B	X	0	.5
32	MP4B	Z	-6.524	.5
33	MP4B	Mx	.0028	.5
34	MP4B	X	0	5
35	MP4B	Z	-6.524	5
36	MP4B	Mx	.0028	5
37	MP1A	X	0	2.75
38	MP1A	Z	-3.274	2.75
39	MP1A	Mx	0	2.75
40	MP1B	X	0	2.75
41	MP1B	Z	-2.03	2.75
42	MP1B	Mx	.000879	2.75
43	MP1C	X	0	2.75
44	MP1C	Z	-2.03	2.75
45	MP1C	Mx	-.000879	2.75
46	OVP	X	0	1
47	OVP	Z	-8.174	1
48	OVP	Mx	0	1
49	MP3A	X	0	.5
50	MP3A	Z	-3.317	.5
51	MP3A	Mx	0	.5
52	MP3B	X	0	.5
53	MP3B	Z	-2.194	.5
54	MP3B	Mx	-.00095	.5
55	MP3C	X	0	.5
56	MP3C	Z	-2.194	.5
57	MP3C	Mx	.00095	.5
58	MP2A	X	0	2.5
59	MP2A	Z	-9.749	2.5
60	MP2A	Mx	-.0065	2.5
61	MP2A	X	0	7
62	MP2A	Z	-9.749	7
63	MP2A	Mx	-.0065	7
64	MP2B	X	0	2.5
65	MP2B	Z	-7.239	2.5
66	MP2B	Mx	.0055	2.5
67	MP2B	X	0	7

Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2B	Z	-7.239	7
69	MP2B	Mx	.0055	7
70	MP2C	X	0	2.5
71	MP2C	Z	-7.239	2.5
72	MP2C	Mx	-.000722	2.5
73	MP2C	X	0	7
74	MP2C	Z	-7.239	7
75	MP2C	Mx	-.000722	7
76	MP2A	X	0	2.5
77	MP2A	Z	-9.749	2.5
78	MP2A	Mx	.0065	2.5
79	MP2A	X	0	7
80	MP2A	Z	-9.749	7
81	MP2A	Mx	.0065	7
82	MP2B	X	0	2.5
83	MP2B	Z	-7.239	2.5
84	MP2B	Mx	.000722	2.5
85	MP2B	X	0	7
86	MP2B	Z	-7.239	7
87	MP2B	Mx	.000722	7
88	MP2C	X	0	2.5
89	MP2C	Z	-7.239	2.5
90	MP2C	Mx	-.0055	2.5
91	MP2C	X	0	7
92	MP2C	Z	-7.239	7
93	MP2C	Mx	-.0055	7
94	MP2A	X	0	3.5
95	MP2A	Z	-1.113	3.5
96	MP2A	Mx	.000464	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	-.871	3.5
99	MP2B	Mx	-.00037	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	-.871	3.5
102	MP2C	Mx	7e-6	3.5
103	MP2A	X	0	2
104	MP2A	Z	-3.317	2
105	MP2A	Mx	0	2
106	MP2B	X	0	2
107	MP2B	Z	-2.499	2
108	MP2B	Mx	-.0011	2
109	MP2C	X	0	2
110	MP2C	Z	-2.499	2
111	MP2C	Mx	.0011	2
112	MP2A	X	0	7
113	MP2A	Z	-2.055	7
114	MP2A	Mx	0	7
115	MP2A	X	0	7
116	MP2A	Z	-2.055	7
117	MP2A	Mx	0	7

Member Point Loads (BLC 28 : Antenna Wm (30 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.754	1.75
2	MP3A	Z	-3.037	1.75
3	MP3A	Mx	-.000877	1.75

Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3A	X	1.754	3.75
5	MP3A	Z	-3.037	3.75
6	MP3A	Mx	-.000877	3.75
7	MP3B	X	.722	1.75
8	MP3B	Z	-1.251	1.75
9	MP3B	Mx	.000722	1.75
10	MP3B	X	.722	3.75
11	MP3B	Z	-1.251	3.75
12	MP3B	Mx	.000722	3.75
13	MP3C	X	1.754	1.75
14	MP3C	Z	-3.037	1.75
15	MP3C	Mx	-.000877	1.75
16	MP3C	X	1.754	3.75
17	MP3C	Z	-3.037	3.75
18	MP3C	Mx	-.000877	3.75
19	MP4C	X	4.525	.5
20	MP4C	Z	-7.838	.5
21	MP4C	Mx	-.0023	.5
22	MP4C	X	4.525	5
23	MP4C	Z	-7.838	5
24	MP4C	Mx	-.0023	5
25	MP4A	X	4.002	.5
26	MP4A	Z	-6.931	.5
27	MP4A	Mx	-.002	.5
28	MP4A	X	4.002	5
29	MP4A	Z	-6.931	5
30	MP4A	Mx	-.002	5
31	MP4B	X	2.892	.5
32	MP4B	Z	-5.009	.5
33	MP4B	Mx	.0029	.5
34	MP4B	X	2.892	5
35	MP4B	Z	-5.009	5
36	MP4B	Mx	.0029	5
37	MP1A	X	1.43	2.75
38	MP1A	Z	-2.477	2.75
39	MP1A	Mx	-.000715	2.75
40	MP1B	X	.808	2.75
41	MP1B	Z	-1.399	2.75
42	MP1B	Mx	.000808	2.75
43	MP1C	X	1.43	2.75
44	MP1C	Z	-2.477	2.75
45	MP1C	Mx	-.000715	2.75
46	OVP	X	3.572	1
47	OVP	Z	-6.187	1
48	OVP	Mx	0	1
49	MP3A	X	1.471	.5
50	MP3A	Z	-2.549	.5
51	MP3A	Mx	.000736	.5
52	MP3B	X	.91	.5
53	MP3B	Z	-1.575	.5
54	MP3B	Mx	-.000909	.5
55	MP3C	X	1.471	.5
56	MP3C	Z	-2.549	.5
57	MP3C	Mx	.000736	.5
58	MP2A	X	4.456	2.5
59	MP2A	Z	-7.718	2.5
60	MP2A	Mx	-.0074	2.5

Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2A	X	4.456	7
62	MP2A	Z	-7.718	7
63	MP2A	Mx	-.0074	7
64	MP2B	X	3.201	2.5
65	MP2B	Z	-5.545	2.5
66	MP2B	Mx	.0032	2.5
67	MP2B	X	3.201	7
68	MP2B	Z	-5.545	7
69	MP2B	Mx	.0032	7
70	MP2C	X	4.456	2.5
71	MP2C	Z	-7.718	2.5
72	MP2C	Mx	.0029	2.5
73	MP2C	X	4.456	7
74	MP2C	Z	-7.718	7
75	MP2C	Mx	.0029	7
76	MP2A	X	4.456	2.5
77	MP2A	Z	-7.718	2.5
78	MP2A	Mx	.0029	2.5
79	MP2A	X	4.456	7
80	MP2A	Z	-7.718	7
81	MP2A	Mx	.0029	7
82	MP2B	X	3.201	2.5
83	MP2B	Z	-5.545	2.5
84	MP2B	Mx	.0032	2.5
85	MP2B	X	3.201	7
86	MP2B	Z	-5.545	7
87	MP2B	Mx	.0032	7
88	MP2C	X	4.456	2.5
89	MP2C	Z	-7.718	2.5
90	MP2C	Mx	-.0074	2.5
91	MP2C	X	4.456	7
92	MP2C	Z	-7.718	7
93	MP2C	Mx	-.0074	7
94	MP2A	X	.516	3.5
95	MP2A	Z	-.894	3.5
96	MP2A	Mx	.000502	3.5
97	MP2B	X	.396	3.5
98	MP2B	Z	-.685	3.5
99	MP2B	Mx	-.000198	3.5
100	MP2C	X	.516	3.5
101	MP2C	Z	-.894	3.5
102	MP2C	Mx	-.000243	3.5
103	MP2A	X	1.522	2
104	MP2A	Z	-2.637	2
105	MP2A	Mx	.000761	2
106	MP2B	X	1.113	2
107	MP2B	Z	-1.928	2
108	MP2B	Mx	-.0011	2
109	MP2C	X	1.522	2
110	MP2C	Z	-2.637	2
111	MP2C	Mx	.000761	2
112	MP2A	X	.848	7
113	MP2A	Z	-1.469	7
114	MP2A	Mx	-.000283	7
115	MP2A	X	.848	7
116	MP2A	Z	-1.469	7
117	MP2A	Mx	.000283	7

Member Point Loads (BLC 29 : Antenna Wm (60 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.847	1.75
2	MP3A	Z	-1.066	1.75
3	MP3A	Mx	-.000924	1.75
4	MP3A	X	1.847	3.75
5	MP3A	Z	-1.066	3.75
6	MP3A	Mx	-.000924	3.75
7	MP3B	X	1.847	1.75
8	MP3B	Z	-1.066	1.75
9	MP3B	Mx	.000923	1.75
10	MP3B	X	1.847	3.75
11	MP3B	Z	-1.066	3.75
12	MP3B	Mx	.000923	3.75
13	MP3C	X	3.633	1.75
14	MP3C	Z	-2.097	1.75
15	MP3C	Mx	0	1.75
16	MP3C	X	3.633	3.75
17	MP3C	Z	-2.097	3.75
18	MP3C	Mx	0	3.75
19	MP4C	X	8.554	.5
20	MP4C	Z	-4.938	.5
21	MP4C	Mx	0	.5
22	MP4C	X	8.554	5
23	MP4C	Z	-4.938	5
24	MP4C	Mx	0	5
25	MP4A	X	5.65	.5
26	MP4A	Z	-3.262	.5
27	MP4A	Mx	-.0028	.5
28	MP4A	X	5.65	5
29	MP4A	Z	-3.262	5
30	MP4A	Mx	-.0028	5
31	MP4B	X	5.65	.5
32	MP4B	Z	-3.262	.5
33	MP4B	Mx	.0028	.5
34	MP4B	X	5.65	5
35	MP4B	Z	-3.262	5
36	MP4B	Mx	.0028	5
37	MP1A	X	1.758	2.75
38	MP1A	Z	-1.015	2.75
39	MP1A	Mx	-.000879	2.75
40	MP1B	X	1.758	2.75
41	MP1B	Z	-1.015	2.75
42	MP1B	Mx	.000879	2.75
43	MP1C	X	2.836	2.75
44	MP1C	Z	-1.637	2.75
45	MP1C	Mx	0	2.75
46	OVP	X	5.741	1
47	OVP	Z	-3.315	1
48	OVP	Mx	0	1
49	MP3A	X	1.9	.5
50	MP3A	Z	-1.097	.5
51	MP3A	Mx	.00095	.5
52	MP3B	X	1.9	.5
53	MP3B	Z	-1.097	.5
54	MP3B	Mx	-.00095	.5
55	MP3C	X	2.873	.5
56	MP3C	Z	-1.659	.5
57	MP3C	Mx	0	.5

Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	6.269	2.5
59	MP2A	Z	-3.62	2.5
60	MP2A	Mx	-.0055	2.5
61	MP2A	X	6.269	7
62	MP2A	Z	-3.62	7
63	MP2A	Mx	-.0055	7
64	MP2B	X	6.269	2.5
65	MP2B	Z	-3.62	2.5
66	MP2B	Mx	.000722	2.5
67	MP2B	X	6.269	7
68	MP2B	Z	-3.62	7
69	MP2B	Mx	.000722	7
70	MP2C	X	8.443	2.5
71	MP2C	Z	-4.874	2.5
72	MP2C	Mx	.0065	2.5
73	MP2C	X	8.443	7
74	MP2C	Z	-4.874	7
75	MP2C	Mx	.0065	7
76	MP2A	X	6.269	2.5
77	MP2A	Z	-3.62	2.5
78	MP2A	Mx	-.000721	2.5
79	MP2A	X	6.269	7
80	MP2A	Z	-3.62	7
81	MP2A	Mx	-.000721	7
82	MP2B	X	6.269	2.5
83	MP2B	Z	-3.62	2.5
84	MP2B	Mx	.0055	2.5
85	MP2B	X	6.269	7
86	MP2B	Z	-3.62	7
87	MP2B	Mx	.0055	7
88	MP2C	X	8.443	2.5
89	MP2C	Z	-4.874	2.5
90	MP2C	Mx	-.0065	2.5
91	MP2C	X	8.443	7
92	MP2C	Z	-4.874	7
93	MP2C	Mx	-.0065	7
94	MP2A	X	.755	3.5
95	MP2A	Z	-.436	3.5
96	MP2A	Mx	.00037	3.5
97	MP2B	X	.755	3.5
98	MP2B	Z	-.436	3.5
99	MP2B	Mx	-7e-6	3.5
100	MP2C	X	.964	3.5
101	MP2C	Z	-.556	3.5
102	MP2C	Mx	-.000464	3.5
103	MP2A	X	2.164	2
104	MP2A	Z	-1.249	2
105	MP2A	Mx	.0011	2
106	MP2B	X	2.164	2
107	MP2B	Z	-1.249	2
108	MP2B	Mx	-.0011	2
109	MP2C	X	2.873	2
110	MP2C	Z	-1.659	2
111	MP2C	Mx	0	2
112	MP2A	X	.85	7
113	MP2A	Z	-.491	7
114	MP2A	Mx	-.000283	7

Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2A	X	.85	7
116	MP2A	Z	-.491	7
117	MP2A	Mx	.000283	7

Member Point Loads (BLC 30 : Antenna Wm (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.445	1.75
2	MP3A	Z	0	1.75
3	MP3A	Mx	-.000722	1.75
4	MP3A	X	1.445	3.75
5	MP3A	Z	0	3.75
6	MP3A	Mx	-.000722	3.75
7	MP3B	X	3.507	1.75
8	MP3B	Z	0	1.75
9	MP3B	Mx	.000877	1.75
10	MP3B	X	3.507	3.75
11	MP3B	Z	0	3.75
12	MP3B	Mx	.000877	3.75
13	MP3C	X	3.507	1.75
14	MP3C	Z	0	1.75
15	MP3C	Mx	.000877	1.75
16	MP3C	X	3.507	3.75
17	MP3C	Z	0	3.75
18	MP3C	Mx	.000877	3.75
19	MP4C	X	9.05	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	.0023	.5
22	MP4C	X	9.05	5
23	MP4C	Z	0	5
24	MP4C	Mx	.0023	5
25	MP4A	X	5.784	.5
26	MP4A	Z	0	.5
27	MP4A	Mx	-.0029	.5
28	MP4A	X	5.784	5
29	MP4A	Z	0	5
30	MP4A	Mx	-.0029	5
31	MP4B	X	8.003	.5
32	MP4B	Z	0	.5
33	MP4B	Mx	.002	.5
34	MP4B	X	8.003	5
35	MP4B	Z	0	5
36	MP4B	Mx	.002	5
37	MP1A	X	1.615	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	-.000808	2.75
40	MP1B	X	2.86	2.75
41	MP1B	Z	0	2.75
42	MP1B	Mx	.000715	2.75
43	MP1C	X	2.86	2.75
44	MP1C	Z	0	2.75
45	MP1C	Mx	.000715	2.75
46	OVP	X	7.144	1
47	OVP	Z	0	1
48	OVP	Mx	0	1
49	MP3A	X	1.819	.5
50	MP3A	Z	0	.5

Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3A	Mx	.000909	.5
52	MP3B	X	2.943	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	-.000736	.5
55	MP3C	X	2.943	.5
56	MP3C	Z	0	.5
57	MP3C	Mx	-.000736	.5
58	MP2A	X	6.403	2.5
59	MP2A	Z	0	2.5
60	MP2A	Mx	-.0032	2.5
61	MP2A	X	6.403	7
62	MP2A	Z	0	7
63	MP2A	Mx	-.0032	7
64	MP2B	X	8.912	2.5
65	MP2B	Z	0	2.5
66	MP2B	Mx	-.0029	2.5
67	MP2B	X	8.912	7
68	MP2B	Z	0	7
69	MP2B	Mx	-.0029	7
70	MP2C	X	8.912	2.5
71	MP2C	Z	0	2.5
72	MP2C	Mx	.0074	2.5
73	MP2C	X	8.912	7
74	MP2C	Z	0	7
75	MP2C	Mx	.0074	7
76	MP2A	X	6.403	2.5
77	MP2A	Z	0	2.5
78	MP2A	Mx	-.0032	2.5
79	MP2A	X	6.403	7
80	MP2A	Z	0	7
81	MP2A	Mx	-.0032	7
82	MP2B	X	8.912	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	.0074	2.5
85	MP2B	X	8.912	7
86	MP2B	Z	0	7
87	MP2B	Mx	.0074	7
88	MP2C	X	8.912	2.5
89	MP2C	Z	0	2.5
90	MP2C	Mx	-.0029	2.5
91	MP2C	X	8.912	7
92	MP2C	Z	0	7
93	MP2C	Mx	-.0029	7
94	MP2A	X	.791	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	.000198	3.5
97	MP2B	X	1.032	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	.000243	3.5
100	MP2C	X	1.032	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	-.000501	3.5
103	MP2A	X	2.226	2
104	MP2A	Z	0	2
105	MP2A	Mx	.0011	2
106	MP2B	X	3.044	2
107	MP2B	Z	0	2

Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP2B	Mx	-.000761	2
109	MP2C	X	3.044	2
110	MP2C	Z	0	2
111	MP2C	Mx	-.000761	2
112	MP2A	X	.623	7
113	MP2A	Z	0	7
114	MP2A	Mx	-.000208	7
115	MP2A	X	.623	7
116	MP2A	Z	0	7
117	MP2A	Mx	.000208	7

Member Point Loads (BLC 31 : Antenna Wm (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.847	1.75
2	MP3A	Z	1.066	1.75
3	MP3A	Mx	-.000924	1.75
4	MP3A	X	1.847	3.75
5	MP3A	Z	1.066	3.75
6	MP3A	Mx	-.000924	3.75
7	MP3B	X	3.633	1.75
8	MP3B	Z	2.097	1.75
9	MP3B	Mx	0	1.75
10	MP3B	X	3.633	3.75
11	MP3B	Z	2.097	3.75
12	MP3B	Mx	0	3.75
13	MP3C	X	1.847	1.75
14	MP3C	Z	1.066	1.75
15	MP3C	Mx	.000923	1.75
16	MP3C	X	1.847	3.75
17	MP3C	Z	1.066	3.75
18	MP3C	Mx	.000923	3.75
19	MP4C	X	6.406	.5
20	MP4C	Z	3.699	.5
21	MP4C	Mx	.0032	.5
22	MP4C	X	6.406	5
23	MP4C	Z	3.699	5
24	MP4C	Mx	.0032	5
25	MP4A	X	5.65	.5
26	MP4A	Z	3.262	.5
27	MP4A	Mx	-.0028	.5
28	MP4A	X	5.65	5
29	MP4A	Z	3.262	5
30	MP4A	Mx	-.0028	5
31	MP4B	X	7.571	.5
32	MP4B	Z	4.371	.5
33	MP4B	Mx	0	.5
34	MP4B	X	7.571	5
35	MP4B	Z	4.371	5
36	MP4B	Mx	0	5
37	MP1A	X	1.758	2.75
38	MP1A	Z	1.015	2.75
39	MP1A	Mx	-.000879	2.75
40	MP1B	X	2.836	2.75
41	MP1B	Z	1.637	2.75
42	MP1B	Mx	0	2.75
43	MP1C	X	1.758	2.75

Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1C	Z	1.015	2.75
45	MP1C	Mx	.000879	2.75
46	OVP	X	7.079	1
47	OVP	Z	4.087	1
48	OVP	Mx	0	1
49	MP3A	X	1.9	.5
50	MP3A	Z	1.097	.5
51	MP3A	Mx	.00095	.5
52	MP3B	X	2.873	.5
53	MP3B	Z	1.659	.5
54	MP3B	Mx	0	.5
55	MP3C	X	1.9	.5
56	MP3C	Z	1.097	.5
57	MP3C	Mx	-.00095	.5
58	MP2A	X	6.269	2.5
59	MP2A	Z	3.62	2.5
60	MP2A	Mx	-.000721	2.5
61	MP2A	X	6.269	7
62	MP2A	Z	3.62	7
63	MP2A	Mx	-.000721	7
64	MP2B	X	8.443	2.5
65	MP2B	Z	4.874	2.5
66	MP2B	Mx	-.0065	2.5
67	MP2B	X	8.443	7
68	MP2B	Z	4.874	7
69	MP2B	Mx	-.0065	7
70	MP2C	X	6.269	2.5
71	MP2C	Z	3.62	2.5
72	MP2C	Mx	.0055	2.5
73	MP2C	X	6.269	7
74	MP2C	Z	3.62	7
75	MP2C	Mx	.0055	7
76	MP2A	X	6.269	2.5
77	MP2A	Z	3.62	2.5
78	MP2A	Mx	-.0055	2.5
79	MP2A	X	6.269	7
80	MP2A	Z	3.62	7
81	MP2A	Mx	-.0055	7
82	MP2B	X	8.443	2.5
83	MP2B	Z	4.874	2.5
84	MP2B	Mx	.0065	2.5
85	MP2B	X	8.443	7
86	MP2B	Z	4.874	7
87	MP2B	Mx	.0065	7
88	MP2C	X	6.269	2.5
89	MP2C	Z	3.62	2.5
90	MP2C	Mx	.000722	2.5
91	MP2C	X	6.269	7
92	MP2C	Z	3.62	7
93	MP2C	Mx	.000722	7
94	MP2A	X	.755	3.5
95	MP2A	Z	.436	3.5
96	MP2A	Mx	7e-6	3.5
97	MP2B	X	.964	3.5
98	MP2B	Z	.556	3.5
99	MP2B	Mx	.000464	3.5
100	MP2C	X	.755	3.5

Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP2C	Z	.436	3.5
102	MP2C	Mx	-.00037	3.5
103	MP2A	X	2.164	2
104	MP2A	Z	1.249	2
105	MP2A	Mx	.0011	2
106	MP2B	X	2.873	2
107	MP2B	Z	1.659	2
108	MP2B	Mx	0	2
109	MP2C	X	2.164	2
110	MP2C	Z	1.249	2
111	MP2C	Mx	-.0011	2
112	MP2A	X	.85	7
113	MP2A	Z	.491	7
114	MP2A	Mx	-.000283	7
115	MP2A	X	.85	7
116	MP2A	Z	.491	7
117	MP2A	Mx	.000283	7

Member Point Loads (BLC 32 : Antenna Wm (150 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.754	1.75
2	MP3A	Z	3.037	1.75
3	MP3A	Mx	-.000877	1.75
4	MP3A	X	1.754	3.75
5	MP3A	Z	3.037	3.75
6	MP3A	Mx	-.000877	3.75
7	MP3B	X	1.754	1.75
8	MP3B	Z	3.037	1.75
9	MP3B	Mx	-.000877	1.75
10	MP3B	X	1.754	3.75
11	MP3B	Z	3.037	3.75
12	MP3B	Mx	-.000877	3.75
13	MP3C	X	.722	1.75
14	MP3C	Z	1.251	1.75
15	MP3C	Mx	.000722	1.75
16	MP3C	X	.722	3.75
17	MP3C	Z	1.251	3.75
18	MP3C	Mx	.000722	3.75
19	MP4C	X	3.285	.5
20	MP4C	Z	5.69	.5
21	MP4C	Mx	.0033	.5
22	MP4C	X	3.285	5
23	MP4C	Z	5.69	5
24	MP4C	Mx	.0033	5
25	MP4A	X	4.002	.5
26	MP4A	Z	6.931	.5
27	MP4A	Mx	-.002	.5
28	MP4A	X	4.002	5
29	MP4A	Z	6.931	5
30	MP4A	Mx	-.002	5
31	MP4B	X	4.002	.5
32	MP4B	Z	6.931	.5
33	MP4B	Mx	-.002	.5
34	MP4B	X	4.002	5
35	MP4B	Z	6.931	5
36	MP4B	Mx	-.002	5

Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1A	X	1.43	2.75
38	MP1A	Z	2.477	2.75
39	MP1A	Mx	-.000715	2.75
40	MP1B	X	1.43	2.75
41	MP1B	Z	2.477	2.75
42	MP1B	Mx	-.000715	2.75
43	MP1C	X	.808	2.75
44	MP1C	Z	1.399	2.75
45	MP1C	Mx	.000808	2.75
46	OVP	X	4.345	1
47	OVP	Z	7.525	1
48	OVP	Mx	0	1
49	MP3A	X	1.471	.5
50	MP3A	Z	2.549	.5
51	MP3A	Mx	.000736	.5
52	MP3B	X	1.471	.5
53	MP3B	Z	2.549	.5
54	MP3B	Mx	.000736	.5
55	MP3C	X	.91	.5
56	MP3C	Z	1.575	.5
57	MP3C	Mx	-.000909	.5
58	MP2A	X	4.456	2.5
59	MP2A	Z	7.718	2.5
60	MP2A	Mx	.0029	2.5
61	MP2A	X	4.456	7
62	MP2A	Z	7.718	7
63	MP2A	Mx	.0029	7
64	MP2B	X	4.456	2.5
65	MP2B	Z	7.718	2.5
66	MP2B	Mx	-.0074	2.5
67	MP2B	X	4.456	7
68	MP2B	Z	7.718	7
69	MP2B	Mx	-.0074	7
70	MP2C	X	3.201	2.5
71	MP2C	Z	5.545	2.5
72	MP2C	Mx	.0032	2.5
73	MP2C	X	3.201	7
74	MP2C	Z	5.545	7
75	MP2C	Mx	.0032	7
76	MP2A	X	4.456	2.5
77	MP2A	Z	7.718	2.5
78	MP2A	Mx	-.0074	2.5
79	MP2A	X	4.456	7
80	MP2A	Z	7.718	7
81	MP2A	Mx	-.0074	7
82	MP2B	X	4.456	2.5
83	MP2B	Z	7.718	2.5
84	MP2B	Mx	.0029	2.5
85	MP2B	X	4.456	7
86	MP2B	Z	7.718	7
87	MP2B	Mx	.0029	7
88	MP2C	X	3.201	2.5
89	MP2C	Z	5.545	2.5
90	MP2C	Mx	.0032	2.5
91	MP2C	X	3.201	7
92	MP2C	Z	5.545	7
93	MP2C	Mx	.0032	7

Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2A	X	.516	3.5
95	MP2A	Z	.894	3.5
96	MP2A	Mx	-.000243	3.5
97	MP2B	X	.516	3.5
98	MP2B	Z	.894	3.5
99	MP2B	Mx	.000502	3.5
100	MP2C	X	.396	3.5
101	MP2C	Z	.685	3.5
102	MP2C	Mx	-.000198	3.5
103	MP2A	X	1.522	2
104	MP2A	Z	2.637	2
105	MP2A	Mx	.000761	2
106	MP2B	X	1.522	2
107	MP2B	Z	2.637	2
108	MP2B	Mx	.000761	2
109	MP2C	X	1.113	2
110	MP2C	Z	1.928	2
111	MP2C	Mx	-.0011	2
112	MP2A	X	.848	7
113	MP2A	Z	1.469	7
114	MP2A	Mx	-.000283	7
115	MP2A	X	.848	7
116	MP2A	Z	1.469	7
117	MP2A	Mx	.000283	7

Member Point Loads (BLC 33 : Antenna Wm (180 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1.75
2	MP3A	Z	4.195	1.75
3	MP3A	Mx	0	1.75
4	MP3A	X	0	3.75
5	MP3A	Z	4.195	3.75
6	MP3A	Mx	0	3.75
7	MP3B	X	0	1.75
8	MP3B	Z	2.132	1.75
9	MP3B	Mx	-.000923	1.75
10	MP3B	X	0	3.75
11	MP3B	Z	2.132	3.75
12	MP3B	Mx	-.000923	3.75
13	MP3C	X	0	1.75
14	MP3C	Z	2.132	1.75
15	MP3C	Mx	.000923	1.75
16	MP3C	X	0	3.75
17	MP3C	Z	2.132	3.75
18	MP3C	Mx	.000923	3.75
19	MP4C	X	0	.5
20	MP4C	Z	7.397	.5
21	MP4C	Mx	.0032	.5
22	MP4C	X	0	5
23	MP4C	Z	7.397	5
24	MP4C	Mx	.0032	5
25	MP4A	X	0	.5
26	MP4A	Z	8.743	.5
27	MP4A	Mx	0	.5
28	MP4A	X	0	5
29	MP4A	Z	8.743	5

Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP4A	Mx	0	5
31	MP4B	X	0	.5
32	MP4B	Z	6.524	.5
33	MP4B	Mx	-.0028	.5
34	MP4B	X	0	5
35	MP4B	Z	6.524	5
36	MP4B	Mx	-.0028	5
37	MP1A	X	0	2.75
38	MP1A	Z	3.274	2.75
39	MP1A	Mx	0	2.75
40	MP1B	X	0	2.75
41	MP1B	Z	2.03	2.75
42	MP1B	Mx	-.000879	2.75
43	MP1C	X	0	2.75
44	MP1C	Z	2.03	2.75
45	MP1C	Mx	.000879	2.75
46	OVP	X	0	1
47	OVP	Z	8.174	1
48	OVP	Mx	0	1
49	MP3A	X	0	.5
50	MP3A	Z	3.317	.5
51	MP3A	Mx	0	.5
52	MP3B	X	0	.5
53	MP3B	Z	2.194	.5
54	MP3B	Mx	.00095	.5
55	MP3C	X	0	.5
56	MP3C	Z	2.194	.5
57	MP3C	Mx	-.00095	.5
58	MP2A	X	0	2.5
59	MP2A	Z	9.749	2.5
60	MP2A	Mx	.0065	2.5
61	MP2A	X	0	7
62	MP2A	Z	9.749	7
63	MP2A	Mx	.0065	7
64	MP2B	X	0	2.5
65	MP2B	Z	7.239	2.5
66	MP2B	Mx	-.0055	2.5
67	MP2B	X	0	7
68	MP2B	Z	7.239	7
69	MP2B	Mx	-.0055	7
70	MP2C	X	0	2.5
71	MP2C	Z	7.239	2.5
72	MP2C	Mx	.000722	2.5
73	MP2C	X	0	7
74	MP2C	Z	7.239	7
75	MP2C	Mx	.000722	7
76	MP2A	X	0	2.5
77	MP2A	Z	9.749	2.5
78	MP2A	Mx	-.0065	2.5
79	MP2A	X	0	7
80	MP2A	Z	9.749	7
81	MP2A	Mx	-.0065	7
82	MP2B	X	0	2.5
83	MP2B	Z	7.239	2.5
84	MP2B	Mx	-.000722	2.5
85	MP2B	X	0	7
86	MP2B	Z	7.239	7

Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2B	Mx	-.000722	7
88	MP2C	X	0	2.5
89	MP2C	Z	7.239	2.5
90	MP2C	Mx	.0055	2.5
91	MP2C	X	0	7
92	MP2C	Z	7.239	7
93	MP2C	Mx	.0055	7
94	MP2A	X	0	3.5
95	MP2A	Z	1.113	3.5
96	MP2A	Mx	-.000464	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	.871	3.5
99	MP2B	Mx	.00037	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	.871	3.5
102	MP2C	Mx	-7e-6	3.5
103	MP2A	X	0	2
104	MP2A	Z	3.317	2
105	MP2A	Mx	0	2
106	MP2B	X	0	2
107	MP2B	Z	2.499	2
108	MP2B	Mx	.0011	2
109	MP2C	X	0	2
110	MP2C	Z	2.499	2
111	MP2C	Mx	-.0011	2
112	MP2A	X	0	7
113	MP2A	Z	2.055	7
114	MP2A	Mx	0	7
115	MP2A	X	0	7
116	MP2A	Z	2.055	7
117	MP2A	Mx	0	7

Member Point Loads (BLC 34 : Antenna Wm (210 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.754	1.75
2	MP3A	Z	3.037	1.75
3	MP3A	Mx	.000877	1.75
4	MP3A	X	-1.754	3.75
5	MP3A	Z	3.037	3.75
6	MP3A	Mx	.000877	3.75
7	MP3B	X	-.722	1.75
8	MP3B	Z	1.251	1.75
9	MP3B	Mx	-.000722	1.75
10	MP3B	X	-.722	3.75
11	MP3B	Z	1.251	3.75
12	MP3B	Mx	-.000722	3.75
13	MP3C	X	-1.754	1.75
14	MP3C	Z	3.037	1.75
15	MP3C	Mx	.000877	1.75
16	MP3C	X	-1.754	3.75
17	MP3C	Z	3.037	3.75
18	MP3C	Mx	.000877	3.75
19	MP4C	X	-4.525	.5
20	MP4C	Z	7.838	.5
21	MP4C	Mx	.0023	.5
22	MP4C	X	-4.525	5

Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP4C	Z	7.838	5
24	MP4C	Mx	.0023	5
25	MP4A	X	-4.002	.5
26	MP4A	Z	6.931	.5
27	MP4A	Mx	.002	.5
28	MP4A	X	-4.002	5
29	MP4A	Z	6.931	5
30	MP4A	Mx	.002	5
31	MP4B	X	-2.892	.5
32	MP4B	Z	5.009	.5
33	MP4B	Mx	-.0029	.5
34	MP4B	X	-2.892	5
35	MP4B	Z	5.009	5
36	MP4B	Mx	-.0029	5
37	MP1A	X	-1.43	2.75
38	MP1A	Z	2.477	2.75
39	MP1A	Mx	.000715	2.75
40	MP1B	X	-.808	2.75
41	MP1B	Z	1.399	2.75
42	MP1B	Mx	-.000808	2.75
43	MP1C	X	-1.43	2.75
44	MP1C	Z	2.477	2.75
45	MP1C	Mx	.000715	2.75
46	OVP	X	-3.572	1
47	OVP	Z	6.187	1
48	OVP	Mx	0	1
49	MP3A	X	-1.471	.5
50	MP3A	Z	2.549	.5
51	MP3A	Mx	-.000736	.5
52	MP3B	X	-.91	.5
53	MP3B	Z	1.575	.5
54	MP3B	Mx	.000909	.5
55	MP3C	X	-1.471	.5
56	MP3C	Z	2.549	.5
57	MP3C	Mx	-.000736	.5
58	MP2A	X	-4.456	2.5
59	MP2A	Z	7.718	2.5
60	MP2A	Mx	.0074	2.5
61	MP2A	X	-4.456	7
62	MP2A	Z	7.718	7
63	MP2A	Mx	.0074	7
64	MP2B	X	-3.201	2.5
65	MP2B	Z	5.545	2.5
66	MP2B	Mx	-.0032	2.5
67	MP2B	X	-3.201	7
68	MP2B	Z	5.545	7
69	MP2B	Mx	-.0032	7
70	MP2C	X	-4.456	2.5
71	MP2C	Z	7.718	2.5
72	MP2C	Mx	-.0029	2.5
73	MP2C	X	-4.456	7
74	MP2C	Z	7.718	7
75	MP2C	Mx	-.0029	7
76	MP2A	X	-4.456	2.5
77	MP2A	Z	7.718	2.5
78	MP2A	Mx	-.0029	2.5
79	MP2A	X	-4.456	7

Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2A	Z	7.718	7
81	MP2A	Mx	-.0029	7
82	MP2B	X	-3.201	2.5
83	MP2B	Z	5.545	2.5
84	MP2B	Mx	-.0032	2.5
85	MP2B	X	-3.201	7
86	MP2B	Z	5.545	7
87	MP2B	Mx	-.0032	7
88	MP2C	X	-4.456	2.5
89	MP2C	Z	7.718	2.5
90	MP2C	Mx	.0074	2.5
91	MP2C	X	-4.456	7
92	MP2C	Z	7.718	7
93	MP2C	Mx	.0074	7
94	MP2A	X	-.516	3.5
95	MP2A	Z	.894	3.5
96	MP2A	Mx	-.000502	3.5
97	MP2B	X	-.396	3.5
98	MP2B	Z	.685	3.5
99	MP2B	Mx	.000198	3.5
100	MP2C	X	-.516	3.5
101	MP2C	Z	.894	3.5
102	MP2C	Mx	.000243	3.5
103	MP2A	X	-1.522	2
104	MP2A	Z	2.637	2
105	MP2A	Mx	-.000761	2
106	MP2B	X	-1.113	2
107	MP2B	Z	1.928	2
108	MP2B	Mx	.0011	2
109	MP2C	X	-1.522	2
110	MP2C	Z	2.637	2
111	MP2C	Mx	-.000761	2
112	MP2A	X	-.848	7
113	MP2A	Z	1.469	7
114	MP2A	Mx	.000283	7
115	MP2A	X	-.848	7
116	MP2A	Z	1.469	7
117	MP2A	Mx	-.000283	7

Member Point Loads (BLC 35 : Antenna Wm (240 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.847	1.75
2	MP3A	Z	1.066	1.75
3	MP3A	Mx	.000924	1.75
4	MP3A	X	-1.847	3.75
5	MP3A	Z	1.066	3.75
6	MP3A	Mx	.000924	3.75
7	MP3B	X	-1.847	1.75
8	MP3B	Z	1.066	1.75
9	MP3B	Mx	-.000923	1.75
10	MP3B	X	-1.847	3.75
11	MP3B	Z	1.066	3.75
12	MP3B	Mx	-.000923	3.75
13	MP3C	X	-3.633	1.75
14	MP3C	Z	2.097	1.75
15	MP3C	Mx	0	1.75

Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	-3.633	3.75
17	MP3C	Z	2.097	3.75
18	MP3C	Mx	0	3.75
19	MP4C	X	-8.554	.5
20	MP4C	Z	4.938	.5
21	MP4C	Mx	0	.5
22	MP4C	X	-8.554	5
23	MP4C	Z	4.938	5
24	MP4C	Mx	0	5
25	MP4A	X	-5.65	.5
26	MP4A	Z	3.262	.5
27	MP4A	Mx	.0028	.5
28	MP4A	X	-5.65	5
29	MP4A	Z	3.262	5
30	MP4A	Mx	.0028	5
31	MP4B	X	-5.65	.5
32	MP4B	Z	3.262	.5
33	MP4B	Mx	-.0028	.5
34	MP4B	X	-5.65	5
35	MP4B	Z	3.262	5
36	MP4B	Mx	-.0028	5
37	MP1A	X	-1.758	2.75
38	MP1A	Z	1.015	2.75
39	MP1A	Mx	.000879	2.75
40	MP1B	X	-1.758	2.75
41	MP1B	Z	1.015	2.75
42	MP1B	Mx	-.000879	2.75
43	MP1C	X	-2.836	2.75
44	MP1C	Z	1.637	2.75
45	MP1C	Mx	0	2.75
46	OVP	X	-5.741	1
47	OVP	Z	3.315	1
48	OVP	Mx	0	1
49	MP3A	X	-1.9	.5
50	MP3A	Z	1.097	.5
51	MP3A	Mx	-.00095	.5
52	MP3B	X	-1.9	.5
53	MP3B	Z	1.097	.5
54	MP3B	Mx	.00095	.5
55	MP3C	X	-2.873	.5
56	MP3C	Z	1.659	.5
57	MP3C	Mx	0	.5
58	MP2A	X	-6.269	2.5
59	MP2A	Z	3.62	2.5
60	MP2A	Mx	.0055	2.5
61	MP2A	X	-6.269	7
62	MP2A	Z	3.62	7
63	MP2A	Mx	.0055	7
64	MP2B	X	-6.269	2.5
65	MP2B	Z	3.62	2.5
66	MP2B	Mx	-.000722	2.5
67	MP2B	X	-6.269	7
68	MP2B	Z	3.62	7
69	MP2B	Mx	-.000722	7
70	MP2C	X	-8.443	2.5
71	MP2C	Z	4.874	2.5
72	MP2C	Mx	-.0065	2.5

Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2C	X	-8.443	7
74	MP2C	Z	4.874	7
75	MP2C	Mx	-.0065	7
76	MP2A	X	-6.269	2.5
77	MP2A	Z	3.62	2.5
78	MP2A	Mx	.000721	2.5
79	MP2A	X	-6.269	7
80	MP2A	Z	3.62	7
81	MP2A	Mx	.000721	7
82	MP2B	X	-6.269	2.5
83	MP2B	Z	3.62	2.5
84	MP2B	Mx	-.0055	2.5
85	MP2B	X	-6.269	7
86	MP2B	Z	3.62	7
87	MP2B	Mx	-.0055	7
88	MP2C	X	-8.443	2.5
89	MP2C	Z	4.874	2.5
90	MP2C	Mx	.0065	2.5
91	MP2C	X	-8.443	7
92	MP2C	Z	4.874	7
93	MP2C	Mx	.0065	7
94	MP2A	X	-.755	3.5
95	MP2A	Z	.436	3.5
96	MP2A	Mx	-.00037	3.5
97	MP2B	X	-.755	3.5
98	MP2B	Z	.436	3.5
99	MP2B	Mx	7e-6	3.5
100	MP2C	X	-.964	3.5
101	MP2C	Z	.556	3.5
102	MP2C	Mx	.000464	3.5
103	MP2A	X	-2.164	2
104	MP2A	Z	1.249	2
105	MP2A	Mx	-.0011	2
106	MP2B	X	-2.164	2
107	MP2B	Z	1.249	2
108	MP2B	Mx	.0011	2
109	MP2C	X	-2.873	2
110	MP2C	Z	1.659	2
111	MP2C	Mx	0	2
112	MP2A	X	-.85	7
113	MP2A	Z	.491	7
114	MP2A	Mx	.000283	7
115	MP2A	X	-.85	7
116	MP2A	Z	.491	7
117	MP2A	Mx	-.000283	7

Member Point Loads (BLC 36 : Antenna Wm (270 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.445	1.75
2	MP3A	Z	0	1.75
3	MP3A	Mx	.000722	1.75
4	MP3A	X	-1.445	3.75
5	MP3A	Z	0	3.75
6	MP3A	Mx	.000722	3.75
7	MP3B	X	-3.507	1.75
8	MP3B	Z	0	1.75

Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3B	Mx	-.000877	1.75
10	MP3B	X	-3.507	3.75
11	MP3B	Z	0	3.75
12	MP3B	Mx	-.000877	3.75
13	MP3C	X	-3.507	1.75
14	MP3C	Z	0	1.75
15	MP3C	Mx	-.000877	1.75
16	MP3C	X	-3.507	3.75
17	MP3C	Z	0	3.75
18	MP3C	Mx	-.000877	3.75
19	MP4C	X	-9.05	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	-.0023	.5
22	MP4C	X	-9.05	5
23	MP4C	Z	0	5
24	MP4C	Mx	-.0023	5
25	MP4A	X	-5.784	.5
26	MP4A	Z	0	.5
27	MP4A	Mx	.0029	.5
28	MP4A	X	-5.784	5
29	MP4A	Z	0	5
30	MP4A	Mx	.0029	5
31	MP4B	X	-8.003	.5
32	MP4B	Z	0	.5
33	MP4B	Mx	-.002	.5
34	MP4B	X	-8.003	5
35	MP4B	Z	0	5
36	MP4B	Mx	-.002	5
37	MP1A	X	-1.615	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	.000808	2.75
40	MP1B	X	-2.86	2.75
41	MP1B	Z	0	2.75
42	MP1B	Mx	-.000715	2.75
43	MP1C	X	-2.86	2.75
44	MP1C	Z	0	2.75
45	MP1C	Mx	-.000715	2.75
46	OVP	X	-7.144	1
47	OVP	Z	0	1
48	OVP	Mx	0	1
49	MP3A	X	-1.819	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	-.000909	.5
52	MP3B	X	-2.943	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	.000736	.5
55	MP3C	X	-2.943	.5
56	MP3C	Z	0	.5
57	MP3C	Mx	.000736	.5
58	MP2A	X	-6.403	2.5
59	MP2A	Z	0	2.5
60	MP2A	Mx	.0032	2.5
61	MP2A	X	-6.403	7
62	MP2A	Z	0	7
63	MP2A	Mx	.0032	7
64	MP2B	X	-8.912	2.5
65	MP2B	Z	0	2.5

Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2B	Mx	.0029	2.5
67	MP2B	X	-8.912	7
68	MP2B	Z	0	7
69	MP2B	Mx	.0029	7
70	MP2C	X	-8.912	2.5
71	MP2C	Z	0	2.5
72	MP2C	Mx	-.0074	2.5
73	MP2C	X	-8.912	7
74	MP2C	Z	0	7
75	MP2C	Mx	-.0074	7
76	MP2A	X	-6.403	2.5
77	MP2A	Z	0	2.5
78	MP2A	Mx	.0032	2.5
79	MP2A	X	-6.403	7
80	MP2A	Z	0	7
81	MP2A	Mx	.0032	7
82	MP2B	X	-8.912	2.5
83	MP2B	Z	0	2.5
84	MP2B	Mx	-.0074	2.5
85	MP2B	X	-8.912	7
86	MP2B	Z	0	7
87	MP2B	Mx	-.0074	7
88	MP2C	X	-8.912	2.5
89	MP2C	Z	0	2.5
90	MP2C	Mx	.0029	2.5
91	MP2C	X	-8.912	7
92	MP2C	Z	0	7
93	MP2C	Mx	.0029	7
94	MP2A	X	-.791	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	-.000198	3.5
97	MP2B	X	-1.032	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	-.000243	3.5
100	MP2C	X	-1.032	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	.000501	3.5
103	MP2A	X	-2.226	2
104	MP2A	Z	0	2
105	MP2A	Mx	-.0011	2
106	MP2B	X	-3.044	2
107	MP2B	Z	0	2
108	MP2B	Mx	.000761	2
109	MP2C	X	-3.044	2
110	MP2C	Z	0	2
111	MP2C	Mx	.000761	2
112	MP2A	X	-.623	7
113	MP2A	Z	0	7
114	MP2A	Mx	.000208	7
115	MP2A	X	-.623	7
116	MP2A	Z	0	7
117	MP2A	Mx	-.000208	7

Member Point Loads (BLC 37 : Antenna Wm (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.847	1.75

Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	-1.066	1.75
3	MP3A	Mx	.000924	1.75
4	MP3A	X	-1.847	3.75
5	MP3A	Z	-1.066	3.75
6	MP3A	Mx	.000924	3.75
7	MP3B	X	-3.633	1.75
8	MP3B	Z	-2.097	1.75
9	MP3B	Mx	0	1.75
10	MP3B	X	-3.633	3.75
11	MP3B	Z	-2.097	3.75
12	MP3B	Mx	0	3.75
13	MP3C	X	-1.847	1.75
14	MP3C	Z	-1.066	1.75
15	MP3C	Mx	-.000923	1.75
16	MP3C	X	-1.847	3.75
17	MP3C	Z	-1.066	3.75
18	MP3C	Mx	-.000923	3.75
19	MP4C	X	-6.406	.5
20	MP4C	Z	-3.699	.5
21	MP4C	Mx	-.0032	.5
22	MP4C	X	-6.406	5
23	MP4C	Z	-3.699	5
24	MP4C	Mx	-.0032	5
25	MP4A	X	-5.65	.5
26	MP4A	Z	-3.262	.5
27	MP4A	Mx	.0028	.5
28	MP4A	X	-5.65	5
29	MP4A	Z	-3.262	5
30	MP4A	Mx	.0028	5
31	MP4B	X	-7.571	.5
32	MP4B	Z	-4.371	.5
33	MP4B	Mx	0	.5
34	MP4B	X	-7.571	5
35	MP4B	Z	-4.371	5
36	MP4B	Mx	0	5
37	MP1A	X	-1.758	2.75
38	MP1A	Z	-1.015	2.75
39	MP1A	Mx	.000879	2.75
40	MP1B	X	-2.836	2.75
41	MP1B	Z	-1.637	2.75
42	MP1B	Mx	0	2.75
43	MP1C	X	-1.758	2.75
44	MP1C	Z	-1.015	2.75
45	MP1C	Mx	-.000879	2.75
46	OVP	X	-7.079	1
47	OVP	Z	-4.087	1
48	OVP	Mx	0	1
49	MP3A	X	-1.9	.5
50	MP3A	Z	-1.097	.5
51	MP3A	Mx	-.00095	.5
52	MP3B	X	-2.873	.5
53	MP3B	Z	-1.659	.5
54	MP3B	Mx	0	.5
55	MP3C	X	-1.9	.5
56	MP3C	Z	-1.097	.5
57	MP3C	Mx	.00095	.5
58	MP2A	X	-6.269	2.5

Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2A	Z	-3.62	2.5
60	MP2A	Mx	.000721	2.5
61	MP2A	X	-6.269	7
62	MP2A	Z	-3.62	7
63	MP2A	Mx	.000721	7
64	MP2B	X	-8.443	2.5
65	MP2B	Z	-4.874	2.5
66	MP2B	Mx	.0065	2.5
67	MP2B	X	-8.443	7
68	MP2B	Z	-4.874	7
69	MP2B	Mx	.0065	7
70	MP2C	X	-6.269	2.5
71	MP2C	Z	-3.62	2.5
72	MP2C	Mx	-.0055	2.5
73	MP2C	X	-6.269	7
74	MP2C	Z	-3.62	7
75	MP2C	Mx	-.0055	7
76	MP2A	X	-6.269	2.5
77	MP2A	Z	-3.62	2.5
78	MP2A	Mx	.0055	2.5
79	MP2A	X	-6.269	7
80	MP2A	Z	-3.62	7
81	MP2A	Mx	.0055	7
82	MP2B	X	-8.443	2.5
83	MP2B	Z	-4.874	2.5
84	MP2B	Mx	-.0065	2.5
85	MP2B	X	-8.443	7
86	MP2B	Z	-4.874	7
87	MP2B	Mx	-.0065	7
88	MP2C	X	-6.269	2.5
89	MP2C	Z	-3.62	2.5
90	MP2C	Mx	-.000722	2.5
91	MP2C	X	-6.269	7
92	MP2C	Z	-3.62	7
93	MP2C	Mx	-.000722	7
94	MP2A	X	-.755	3.5
95	MP2A	Z	-.436	3.5
96	MP2A	Mx	-7e-6	3.5
97	MP2B	X	-.964	3.5
98	MP2B	Z	-.556	3.5
99	MP2B	Mx	-.000464	3.5
100	MP2C	X	-.755	3.5
101	MP2C	Z	-.436	3.5
102	MP2C	Mx	.00037	3.5
103	MP2A	X	-2.164	2
104	MP2A	Z	-1.249	2
105	MP2A	Mx	-.0011	2
106	MP2B	X	-2.873	2
107	MP2B	Z	-1.659	2
108	MP2B	Mx	0	2
109	MP2C	X	-2.164	2
110	MP2C	Z	-1.249	2
111	MP2C	Mx	.0011	2
112	MP2A	X	-.85	7
113	MP2A	Z	-.491	7
114	MP2A	Mx	.000283	7
115	MP2A	X	-.85	7

Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP2A	Z	-.491	7
117	MP2A	Mx	-.000283	7

Member Point Loads (BLC 38 : Antenna Wm (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.754	1.75
2	MP3A	Z	-3.037	1.75
3	MP3A	Mx	.000877	1.75
4	MP3A	X	-1.754	3.75
5	MP3A	Z	-3.037	3.75
6	MP3A	Mx	.000877	3.75
7	MP3B	X	-1.754	1.75
8	MP3B	Z	-3.037	1.75
9	MP3B	Mx	.000877	1.75
10	MP3B	X	-1.754	3.75
11	MP3B	Z	-3.037	3.75
12	MP3B	Mx	.000877	3.75
13	MP3C	X	-.722	1.75
14	MP3C	Z	-1.251	1.75
15	MP3C	Mx	-.000722	1.75
16	MP3C	X	-.722	3.75
17	MP3C	Z	-1.251	3.75
18	MP3C	Mx	-.000722	3.75
19	MP4C	X	-3.285	.5
20	MP4C	Z	-5.69	.5
21	MP4C	Mx	-.0033	.5
22	MP4C	X	-3.285	5
23	MP4C	Z	-5.69	5
24	MP4C	Mx	-.0033	5
25	MP4A	X	-4.002	.5
26	MP4A	Z	-6.931	.5
27	MP4A	Mx	.002	.5
28	MP4A	X	-4.002	5
29	MP4A	Z	-6.931	5
30	MP4A	Mx	.002	5
31	MP4B	X	-4.002	.5
32	MP4B	Z	-6.931	.5
33	MP4B	Mx	.002	.5
34	MP4B	X	-4.002	5
35	MP4B	Z	-6.931	5
36	MP4B	Mx	.002	5
37	MP1A	X	-1.43	2.75
38	MP1A	Z	-2.477	2.75
39	MP1A	Mx	.000715	2.75
40	MP1B	X	-1.43	2.75
41	MP1B	Z	-2.477	2.75
42	MP1B	Mx	.000715	2.75
43	MP1C	X	-.808	2.75
44	MP1C	Z	-1.399	2.75
45	MP1C	Mx	-.000808	2.75
46	OVP	X	-4.345	1
47	OVP	Z	-7.525	1
48	OVP	Mx	0	1
49	MP3A	X	-1.471	.5
50	MP3A	Z	-2.549	.5
51	MP3A	Mx	-.000736	.5

Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3B	X	-1.471	.5
53	MP3B	Z	-2.549	.5
54	MP3B	Mx	-.000736	.5
55	MP3C	X	-.91	.5
56	MP3C	Z	-1.575	.5
57	MP3C	Mx	.000909	.5
58	MP2A	X	-4.456	2.5
59	MP2A	Z	-7.718	2.5
60	MP2A	Mx	-.0029	2.5
61	MP2A	X	-4.456	7
62	MP2A	Z	-7.718	7
63	MP2A	Mx	-.0029	7
64	MP2B	X	-4.456	2.5
65	MP2B	Z	-7.718	2.5
66	MP2B	Mx	.0074	2.5
67	MP2B	X	-4.456	7
68	MP2B	Z	-7.718	7
69	MP2B	Mx	.0074	7
70	MP2C	X	-3.201	2.5
71	MP2C	Z	-5.545	2.5
72	MP2C	Mx	-.0032	2.5
73	MP2C	X	-3.201	7
74	MP2C	Z	-5.545	7
75	MP2C	Mx	-.0032	7
76	MP2A	X	-4.456	2.5
77	MP2A	Z	-7.718	2.5
78	MP2A	Mx	.0074	2.5
79	MP2A	X	-4.456	7
80	MP2A	Z	-7.718	7
81	MP2A	Mx	.0074	7
82	MP2B	X	-4.456	2.5
83	MP2B	Z	-7.718	2.5
84	MP2B	Mx	-.0029	2.5
85	MP2B	X	-4.456	7
86	MP2B	Z	-7.718	7
87	MP2B	Mx	-.0029	7
88	MP2C	X	-3.201	2.5
89	MP2C	Z	-5.545	2.5
90	MP2C	Mx	-.0032	2.5
91	MP2C	X	-3.201	7
92	MP2C	Z	-5.545	7
93	MP2C	Mx	-.0032	7
94	MP2A	X	-.516	3.5
95	MP2A	Z	-.894	3.5
96	MP2A	Mx	.000243	3.5
97	MP2B	X	-.516	3.5
98	MP2B	Z	-.894	3.5
99	MP2B	Mx	-.000502	3.5
100	MP2C	X	-.396	3.5
101	MP2C	Z	-.685	3.5
102	MP2C	Mx	.000198	3.5
103	MP2A	X	-1.522	2
104	MP2A	Z	-2.637	2
105	MP2A	Mx	-.000761	2
106	MP2B	X	-1.522	2
107	MP2B	Z	-2.637	2
108	MP2B	Mx	-.000761	2

Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP2C	X	-1.113	2
110	MP2C	Z	-1.928	2
111	MP2C	Mx	.0011	2
112	MP2A	X	-.848	7
113	MP2A	Z	-1.469	7
114	MP2A	Mx	.000283	7
115	MP2A	X	-.848	7
116	MP2A	Z	-1.469	7
117	MP2A	Mx	-.000283	7

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M33	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M35	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M118	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M26A	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-1.9139	1.75
2	MP3A	My	-.000957	1.75
3	MP3A	Mz	0	1.75
4	MP3A	Y	-1.9139	3.75
5	MP3A	My	-.000957	3.75
6	MP3A	Mz	0	3.75
7	MP3B	Y	-1.9139	1.75
8	MP3B	My	.000478	1.75
9	MP3B	Mz	-.000829	1.75
10	MP3B	Y	-1.9139	3.75
11	MP3B	My	.000478	3.75
12	MP3B	Mz	-.000829	3.75
13	MP3C	Y	-1.9139	1.75
14	MP3C	My	.000478	1.75
15	MP3C	Mz	.000829	1.75
16	MP3C	Y	-1.9139	3.75
17	MP3C	My	.000478	3.75
18	MP3C	Mz	.000829	3.75
19	MP4C	Y	-1.0086	.5
20	MP4C	My	.000252	.5
21	MP4C	Mz	.000437	.5
22	MP4C	Y	-1.0086	5
23	MP4C	My	.000252	5
24	MP4C	Mz	.000437	5
25	MP4A	Y	-.5779	.5
26	MP4A	My	-.000289	.5

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4A	Mz	0	.5
28	MP4A	Y	-.5779	5
29	MP4A	My	-.000289	5
30	MP4A	Mz	0	5
31	MP4B	Y	-.5779	.5
32	MP4B	My	.000144	.5
33	MP4B	Mz	-.00025	.5
34	MP4B	Y	-.5779	5
35	MP4B	My	.000144	5
36	MP4B	Mz	-.00025	5
37	MP1A	Y	-1.0196	2.75
38	MP1A	My	-.00051	2.75
39	MP1A	Mz	0	2.75
40	MP1B	Y	-1.0196	2.75
41	MP1B	My	.000255	2.75
42	MP1B	Mz	-.000441	2.75
43	MP1C	Y	-1.0196	2.75
44	MP1C	My	.000255	2.75
45	MP1C	Mz	.000441	2.75
46	OVP	Y	-1.4063	1
47	OVP	My	0	1
48	OVP	Mz	0	1
49	MP3A	Y	-3.0895	.5
50	MP3A	My	.0015	.5
51	MP3A	Mz	0	.5
52	MP3B	Y	-3.0895	.5
53	MP3B	My	-.000772	.5
54	MP3B	Mz	.0013	.5
55	MP3C	Y	-3.0895	.5
56	MP3C	My	-.000772	.5
57	MP3C	Mz	-.0013	.5
58	MP2A	Y	-1.3909	2.5
59	MP2A	My	-.000695	2.5
60	MP2A	Mz	.000927	2.5
61	MP2A	Y	-1.3909	7
62	MP2A	My	-.000695	7
63	MP2A	Mz	.000927	7
64	MP2B	Y	-1.3909	2.5
65	MP2B	My	-.000455	2.5
66	MP2B	Mz	-.0011	2.5
67	MP2B	Y	-1.3909	7
68	MP2B	My	-.000455	7
69	MP2B	Mz	-.0011	7
70	MP2C	Y	-1.3909	2.5
71	MP2C	My	.0012	2.5
72	MP2C	Mz	.000139	2.5
73	MP2C	Y	-1.3909	7
74	MP2C	My	.0012	7
75	MP2C	Mz	.000139	7
76	MP2A	Y	-1.3909	2.5
77	MP2A	My	-.000695	2.5
78	MP2A	Mz	-.000927	2.5
79	MP2A	Y	-1.3909	7
80	MP2A	My	-.000695	7
81	MP2A	Mz	-.000927	7
82	MP2B	Y	-1.3909	2.5
83	MP2B	My	.0012	2.5

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP2B	Mz	-.000139	2.5
85	MP2B	Y	-1.3909	7
86	MP2B	My	.0012	7
87	MP2B	Mz	-.000139	7
88	MP2C	Y	-1.3909	2.5
89	MP2C	My	-.000455	2.5
90	MP2C	Mz	.0011	2.5
91	MP2C	Y	-1.3909	7
92	MP2C	My	-.000455	7
93	MP2C	Mz	.0011	7
94	MP2A	Y	-.9141	3.5
95	MP2A	My	.000229	3.5
96	MP2A	Mz	-.000381	3.5
97	MP2B	Y	-.9141	3.5
98	MP2B	My	.000216	3.5
99	MP2B	Mz	.000388	3.5
100	MP2C	Y	-.9141	3.5
101	MP2C	My	-.000444	3.5
102	MP2C	Mz	-7e-6	3.5
103	MP2A	Y	-3.7091	2
104	MP2A	My	.0019	2
105	MP2A	Mz	0	2
106	MP2B	Y	-3.7091	2
107	MP2B	My	-.000927	2
108	MP2B	Mz	.0016	2
109	MP2C	Y	-3.7091	2
110	MP2C	My	-.000927	2
111	MP2C	Mz	-.0016	2
112	MP2A	Y	-.7735	7
113	MP2A	My	-.000258	7
114	MP2A	Mz	0	7
115	MP2A	Y	-.7735	7
116	MP2A	My	.000258	7
117	MP2A	Mz	0	7

Member Point Loads (BLC 82 : Antenna Eh (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-4.7847	1.75
2	MP3A	Mx	0	1.75
3	MP3A	Z	-4.7847	3.75
4	MP3A	Mx	0	3.75
5	MP3B	Z	-4.7847	1.75
6	MP3B	Mx	.0021	1.75
7	MP3B	Z	-4.7847	3.75
8	MP3B	Mx	.0021	3.75
9	MP3C	Z	-4.7847	1.75
10	MP3C	Mx	-.0021	1.75
11	MP3C	Z	-4.7847	3.75
12	MP3C	Mx	-.0021	3.75
13	MP4C	Z	-2.5214	.5
14	MP4C	Mx	-.0011	.5
15	MP4C	Z	-2.5214	5
16	MP4C	Mx	-.0011	5
17	MP4A	Z	-1.4447	.5
18	MP4A	Mx	0	.5
19	MP4A	Z	-1.4447	5

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP4A	Mx	0	5
21	MP4B	Z	-1.4447	.5
22	MP4B	Mx	.000626	.5
23	MP4B	Z	-1.4447	5
24	MP4B	Mx	.000626	5
25	MP1A	Z	-2.5489	2.75
26	MP1A	Mx	0	2.75
27	MP1B	Z	-2.5489	2.75
28	MP1B	Mx	.0011	2.75
29	MP1C	Z	-2.5489	2.75
30	MP1C	Mx	-.0011	2.75
31	OVP	Z	-3.5157	1
32	OVP	Mx	0	1
33	MP3A	Z	-7.7236	.5
34	MP3A	Mx	0	.5
35	MP3B	Z	-7.7236	.5
36	MP3B	Mx	-.0033	.5
37	MP3C	Z	-7.7236	.5
38	MP3C	Mx	.0033	.5
39	MP2A	Z	-3.4773	2.5
40	MP2A	Mx	-.0023	2.5
41	MP2A	Z	-3.4773	7
42	MP2A	Mx	-.0023	7
43	MP2B	Z	-3.4773	2.5
44	MP2B	Mx	.0027	2.5
45	MP2B	Z	-3.4773	7
46	MP2B	Mx	.0027	7
47	MP2C	Z	-3.4773	2.5
48	MP2C	Mx	-.000347	2.5
49	MP2C	Z	-3.4773	7
50	MP2C	Mx	-.000347	7
51	MP2A	Z	-3.4773	2.5
52	MP2A	Mx	.0023	2.5
53	MP2A	Z	-3.4773	7
54	MP2A	Mx	.0023	7
55	MP2B	Z	-3.4773	2.5
56	MP2B	Mx	.000347	2.5
57	MP2B	Z	-3.4773	7
58	MP2B	Mx	.000347	7
59	MP2C	Z	-3.4773	2.5
60	MP2C	Mx	-.0027	2.5
61	MP2C	Z	-3.4773	7
62	MP2C	Mx	-.0027	7
63	MP2A	Z	-2.2852	3.5
64	MP2A	Mx	.000952	3.5
65	MP2B	Z	-2.2852	3.5
66	MP2B	Mx	-.000971	3.5
67	MP2C	Z	-2.2852	3.5
68	MP2C	Mx	1.9e-5	3.5
69	MP2A	Z	-9.2727	2
70	MP2A	Mx	0	2
71	MP2B	Z	-9.2727	2
72	MP2B	Mx	-.004	2
73	MP2C	Z	-9.2727	2
74	MP2C	Mx	.004	2
75	MP2A	Z	-1.9337	7
76	MP2A	Mx	0	7

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2A	Z	-1.9337	7
78	MP2A	Mx	0	7

Member Point Loads (BLC 83 : Antenna Eh (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.7847	1.75
2	MP3A	Mx	-.0024	1.75
3	MP3A	X	4.7847	3.75
4	MP3A	Mx	-.0024	3.75
5	MP3B	X	4.7847	1.75
6	MP3B	Mx	.0012	1.75
7	MP3B	X	4.7847	3.75
8	MP3B	Mx	.0012	3.75
9	MP3C	X	4.7847	1.75
10	MP3C	Mx	.0012	1.75
11	MP3C	X	4.7847	3.75
12	MP3C	Mx	.0012	3.75
13	MP4C	X	2.5214	.5
14	MP4C	Mx	.00063	.5
15	MP4C	X	2.5214	5
16	MP4C	Mx	.00063	5
17	MP4A	X	1.4447	.5
18	MP4A	Mx	-.000722	.5
19	MP4A	X	1.4447	5
20	MP4A	Mx	-.000722	5
21	MP4B	X	1.4447	.5
22	MP4B	Mx	.000361	.5
23	MP4B	X	1.4447	5
24	MP4B	Mx	.000361	5
25	MP1A	X	2.5489	2.75
26	MP1A	Mx	-.0013	2.75
27	MP1B	X	2.5489	2.75
28	MP1B	Mx	.000637	2.75
29	MP1C	X	2.5489	2.75
30	MP1C	Mx	.000637	2.75
31	OVP	X	3.5157	1
32	OVP	Mx	0	1
33	MP3A	X	7.7236	.5
34	MP3A	Mx	.0039	.5
35	MP3B	X	7.7236	.5
36	MP3B	Mx	-.0019	.5
37	MP3C	X	7.7236	.5
38	MP3C	Mx	-.0019	.5
39	MP2A	X	3.4773	2.5
40	MP2A	Mx	-.0017	2.5
41	MP2A	X	3.4773	7
42	MP2A	Mx	-.0017	7
43	MP2B	X	3.4773	2.5
44	MP2B	Mx	-.0011	2.5
45	MP2B	X	3.4773	7
46	MP2B	Mx	-.0011	7
47	MP2C	X	3.4773	2.5
48	MP2C	Mx	.0029	2.5
49	MP2C	X	3.4773	7
50	MP2C	Mx	.0029	7
51	MP2A	X	3.4773	2.5

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2A	Mx	-.0017	2.5
53	MP2A	X	3.4773	7
54	MP2A	Mx	-.0017	7
55	MP2B	X	3.4773	2.5
56	MP2B	Mx	.0029	2.5
57	MP2B	X	3.4773	7
58	MP2B	Mx	.0029	7
59	MP2C	X	3.4773	2.5
60	MP2C	Mx	-.0011	2.5
61	MP2C	X	3.4773	7
62	MP2C	Mx	-.0011	7
63	MP2A	X	2.2852	3.5
64	MP2A	Mx	.000571	3.5
65	MP2B	X	2.2852	3.5
66	MP2B	Mx	.000539	3.5
67	MP2C	X	2.2852	3.5
68	MP2C	Mx	-.0011	3.5
69	MP2A	X	9.2727	2
70	MP2A	Mx	.0046	2
71	MP2B	X	9.2727	2
72	MP2B	Mx	-.0023	2
73	MP2C	X	9.2727	2
74	MP2C	Mx	-.0023	2
75	MP2A	X	1.9337	7
76	MP2A	Mx	-.000645	7
77	MP2A	X	1.9337	7
78	MP2A	Mx	.000645	7

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	Y	-9.6168	-9.6168	0	%100
2	M17A	Y	-9.6168	-9.6168	0	%100
3	M47	Y	-9.6168	-9.6168	0	%100
4	MP1A	Y	-4.9839	-4.9839	0	%100
5	M6	Y	-10.1013	-10.1013	0	%100
6	M26	Y	-10.1013	-10.1013	0	%100
7	M27	Y	-10.1013	-10.1013	0	%100
8	M28	Y	-7.6204	-7.6204	0	%100
9	M58	Y	-7.6204	-7.6204	0	%100
10	M118	Y	-7.6204	-7.6204	0	%100
11	M6A	Y	-7.6204	-7.6204	0	%100
12	M29	Y	-7.6204	-7.6204	0	%100
13	M59	Y	-7.6204	-7.6204	0	%100
14	M21	Y	-10.1013	-10.1013	0	%100
15	M22	Y	-10.1013	-10.1013	0	%100
16	M23	Y	-10.1013	-10.1013	0	%100
17	M24	Y	-7.6204	-7.6204	0	%100
18	M25	Y	-7.6204	-7.6204	0	%100
19	M26A	Y	-7.6204	-7.6204	0	%100
20	M27A	Y	-10.1013	-10.1013	0	%100
21	M28A	Y	-10.1013	-10.1013	0	%100
22	M29A	Y	-10.1013	-10.1013	0	%100
23	M30A	Y	-7.6204	-7.6204	0	%100
24	M31A	Y	-7.6204	-7.6204	0	%100
25	M32	Y	-7.6204	-7.6204	0	%100

Member Distributed Loads (BLC 40 : Structure Di) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
26	MP2A	Y	-4.9839	-4.9839	0	%100
27	MP3A	Y	-4.9839	-4.9839	0	%100
28	MP4A	Y	-4.9839	-4.9839	0	%100
29	M39	Y	-4.9839	-4.9839	0	%100
30	M44	Y	-4.9839	-4.9839	0	%100
31	M49	Y	-4.9839	-4.9839	0	%100
32	M60A	Y	-7.6204	-7.6204	0	%100
33	M61A	Y	-7.6204	-7.6204	0	%100
34	M62	Y	-7.6204	-7.6204	0	%100
35	M63	Y	-6.6222	-6.6222	0	%100
36	M64	Y	-6.6222	-6.6222	0	%100
37	MP1C	Y	-4.9839	-4.9839	0	%100
38	MP2C	Y	-4.9839	-4.9839	0	%100
39	MP3C	Y	-4.9839	-4.9839	0	%100
40	MP4C	Y	-4.9839	-4.9839	0	%100
41	MP1B	Y	-4.9839	-4.9839	0	%100
42	MP2B	Y	-4.9839	-4.9839	0	%100
43	MP3B	Y	-4.9839	-4.9839	0	%100
44	MP4B	Y	-4.9839	-4.9839	0	%100
45	M85A	Y	-4.8753	-4.8753	0	%100
46	M86	Y	-4.8753	-4.8753	0	%100
47	M87A	Y	-4.8753	-4.8753	0	%100
48	OVP	Y	-4.9839	-4.9839	0	%100
49	M86A	Y	-6.6222	-6.6222	0	%100
50	M87B	Y	-6.6222	-6.6222	0	%100
51	M88A	Y	-6.6222	-6.6222	0	%100
52	M89	Y	-6.6222	-6.6222	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	-8.4478	-8.4478	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	-8.4438	-8.4438	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-8.8246	-8.8246	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	-11.723	-11.723	0	%100
11	M26	X	0	0	0	%100
12	M26	Z	-11.7819	-11.7819	0	%100
13	M27	X	0	0	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	0	0	0	%100
16	M28	Z	-2.7934	-2.7934	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	-2.7833	-2.7833	0	%100
19	M118	X	0	0	0	%100
20	M118	Z	-11.1468	-11.1468	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	-18.578	-18.578	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	-4.6445	-4.6445	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	-4.6445	-4.6445	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
27	M21	X	0	0	0	%100
28	M21	Z	-9.2598	-9.2598	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	-9.2263	-9.2263	0	%100
31	M23	X	0	0	0	%100
32	M23	Z	-36.9496	-36.9496	0	%100
33	M24	X	0	0	0	%100
34	M24	Z	-2.8453	-2.8453	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	-2.835	-2.835	0	%100
37	M26A	X	0	0	0	%100
38	M26A	Z	-11.3539	-11.3539	0	%100
39	M27A	X	0	0	0	%100
40	M27A	Z	-9.2598	-9.2598	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	-9.2263	-9.2263	0	%100
43	M29A	X	0	0	0	%100
44	M29A	Z	-36.9496	-36.9496	0	%100
45	M30A	X	0	0	0	%100
46	M30A	Z	-2.7934	-2.7934	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	-2.7833	-2.7833	0	%100
49	M32	X	0	0	0	%100
50	M32	Z	-11.1468	-11.1468	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-8.8246	-8.8246	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	-8.8246	-8.8246	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	-8.8246	-8.8246	0	%100
57	M39	X	0	0	0	%100
58	M39	Z	-8.8246	-8.8246	0	%100
59	M44	X	0	0	0	%100
60	M44	Z	-2.2142	-2.2142	0	%100
61	M49	X	0	0	0	%100
62	M49	Z	-2.1981	-2.1981	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	-3.2591	-3.2591	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	-13.0365	-13.0365	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-3.2591	-3.2591	0	%100
69	M63	X	0	0	0	%100
70	M63	Z	-9.5119	-9.5119	0	%100
71	M64	X	0	0	0	%100
72	M64	Z	-9.5109	-9.5109	0	%100
73	MP1C	X	0	0	0	%100
74	MP1C	Z	-8.8246	-8.8246	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-8.8246	-8.8246	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	-8.8246	-8.8246	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	-8.8246	-8.8246	0	%100
81	MP1B	X	0	0	0	%100
82	MP1B	Z	-8.8246	-8.8246	0	%100
83	MP2B	X	0	0	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
84	MP2B	Z	-8.8246	-8.8246	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	-8.8246	-8.8246	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-8.8246	-8.8246	0	%100
89	M85A	X	0	0	0	%100
90	M85A	Z	-1.8615	-1.8615	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	-7.5844	-7.5844	0	%100
93	M87A	X	0	0	0	%100
94	M87A	Z	-1.931	-1.931	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	-8.0419	-8.0419	0	%100
97	M86A	X	0	0	0	%100
98	M86A	Z	-12.9283	-12.9283	0	%100
99	M87B	X	0	0	0	%100
100	M87B	Z	-2.8382	-2.8382	0	%100
101	M88A	X	0	0	0	%100
102	M88A	Z	-2.8337	-2.8337	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	-12.9185	-12.9185	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	1.4077	1.4077	0	%100
2	M1	Z	-2.4383	-2.4383	0	%100
3	M17A	X	1.408	1.408	0	%100
4	M17A	Z	-2.4387	-2.4387	0	%100
5	M47	X	5.6292	5.6292	0	%100
6	M47	Z	-9.7501	-9.7501	0	%100
7	MP1A	X	4.4123	4.4123	0	%100
8	MP1A	Z	-7.6423	-7.6423	0	%100
9	M6	X	1.944	1.944	0	%100
10	M6	Z	-3.3672	-3.3672	0	%100
11	M26	X	7.8349	7.8349	0	%100
12	M26	Z	-13.5705	-13.5705	0	%100
13	M27	X	1.958	1.958	0	%100
14	M27	Z	-3.3913	-3.3913	0	%100
15	M28	X	4.1834	4.1834	0	%100
16	M28	Z	-7.2459	-7.2459	0	%100
17	M58	X	1e-6	1e-6	0	%100
18	M58	Z	-1e-6	-1e-6	0	%100
19	M118	X	4.175	4.175	0	%100
20	M118	Z	-7.2313	-7.2313	0	%100
21	M6A	X	6.9668	6.9668	0	%100
22	M6A	Z	-12.0668	-12.0668	0	%100
23	M29	X	6.9668	6.9668	0	%100
24	M29	Z	-12.0668	-12.0668	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	13.8673	13.8673	0	%100
28	M21	Z	-24.0188	-24.0188	0	%100
29	M22	X	2e-6	2e-6	0	%100
30	M22	Z	-4e-6	-4e-6	0	%100
31	M23	X	13.8394	13.8394	0	%100
32	M23	Z	-23.9705	-23.9705	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
33	M24	X	4.2611	4.2611	0	%100
34	M24	Z	-7.3805	-7.3805	0	%100
35	M25	X	1e-6	1e-6	0	%100
36	M25	Z	-1e-6	-1e-6	0	%100
37	M26A	X	4.2526	4.2526	0	%100
38	M26A	Z	-7.3657	-7.3657	0	%100
39	M27A	X	13.8673	13.8673	0	%100
40	M27A	Z	-24.0188	-24.0188	0	%100
41	M28A	X	2e-6	2e-6	0	%100
42	M28A	Z	-4e-6	-4e-6	0	%100
43	M29A	X	13.8394	13.8394	0	%100
44	M29A	Z	-23.9705	-23.9705	0	%100
45	M30A	X	4.1834	4.1834	0	%100
46	M30A	Z	-7.2459	-7.2459	0	%100
47	M31A	X	1e-6	1e-6	0	%100
48	M31A	Z	-1e-6	-1e-6	0	%100
49	M32	X	4.175	4.175	0	%100
50	M32	Z	-7.2313	-7.2313	0	%100
51	MP2A	X	4.4123	4.4123	0	%100
52	MP2A	Z	-7.6423	-7.6423	0	%100
53	MP3A	X	4.4123	4.4123	0	%100
54	MP3A	Z	-7.6423	-7.6423	0	%100
55	MP4A	X	4.4123	4.4123	0	%100
56	MP4A	Z	-7.6423	-7.6423	0	%100
57	M39	X	3.3052	3.3052	0	%100
58	M39	Z	-5.7247	-5.7247	0	%100
59	M44	X	3.3132	3.3132	0	%100
60	M44	Z	-5.7387	-5.7387	0	%100
61	M49	X	5e-6	5e-6	0	%100
62	M49	Z	-8e-6	-8e-6	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	4.8887	4.8887	0	%100
66	M61A	Z	-8.4674	-8.4674	0	%100
67	M62	X	4.8887	4.8887	0	%100
68	M62	Z	-8.4674	-8.4674	0	%100
69	M63	X	1.9602	1.9602	0	%100
70	M63	Z	-3.3951	-3.3951	0	%100
71	M64	X	7.0033	7.0033	0	%100
72	M64	Z	-12.1301	-12.1301	0	%100
73	MP1C	X	4.4123	4.4123	0	%100
74	MP1C	Z	-7.6423	-7.6423	0	%100
75	MP2C	X	4.4123	4.4123	0	%100
76	MP2C	Z	-7.6423	-7.6423	0	%100
77	MP3C	X	4.4123	4.4123	0	%100
78	MP3C	Z	-7.6423	-7.6423	0	%100
79	MP4C	X	4.4123	4.4123	0	%100
80	MP4C	Z	-7.6423	-7.6423	0	%100
81	MP1B	X	4.4123	4.4123	0	%100
82	MP1B	Z	-7.6423	-7.6423	0	%100
83	MP2B	X	4.4123	4.4123	0	%100
84	MP2B	Z	-7.6423	-7.6423	0	%100
85	MP3B	X	4.4123	4.4123	0	%100
86	MP3B	Z	-7.6423	-7.6423	0	%100
87	MP4B	X	4.4123	4.4123	0	%100
88	MP4B	Z	-7.6423	-7.6423	0	%100
89	M85A	X	.000106	.000106	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
90	M85A	Z	-.000184	-.000184	0	%100
91	M86	X	2.8268	2.8268	0	%100
92	M86	Z	-4.8961	-4.8961	0	%100
93	M87A	X	2.8616	2.8616	0	%100
94	M87A	Z	-4.9564	-4.9564	0	%100
95	OVP	X	4.0209	4.0209	0	%100
96	OVP	Z	-6.9645	-6.9645	0	%100
97	M86A	X	7.0077	7.0077	0	%100
98	M86A	Z	-12.1376	-12.1376	0	%100
99	M87B	X	1.964	1.964	0	%100
100	M87B	Z	-3.4017	-3.4017	0	%100
101	M88A	X	3.6691	3.6691	0	%100
102	M88A	Z	-6.3551	-6.3551	0	%100
103	M89	X	3.6672	3.6672	0	%100
104	M89	Z	-6.3518	-6.3518	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	7.3148	7.3148	0	%100
2	M1	Z	-4.2232	-4.2232	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	7.3126	7.3126	0	%100
6	M47	Z	-4.2219	-4.2219	0	%100
7	MP1A	X	7.6423	7.6423	0	%100
8	MP1A	Z	-4.4123	-4.4123	0	%100
9	M6	X	6.4e-5	6.4e-5	0	%100
10	M6	Z	-3.7e-5	-3.7e-5	0	%100
11	M26	X	10.1524	10.1524	0	%100
12	M26	Z	-5.8615	-5.8615	0	%100
13	M27	X	10.174	10.174	0	%100
14	M27	Z	-5.874	-5.874	0	%100
15	M28	X	9.6534	9.6534	0	%100
16	M28	Z	-5.5734	-5.5734	0	%100
17	M58	X	2.4163	2.4163	0	%100
18	M58	Z	-1.395	-1.395	0	%100
19	M118	X	2.4046	2.4046	0	%100
20	M118	Z	-1.3883	-1.3883	0	%100
21	M6A	X	4.0223	4.0223	0	%100
22	M6A	Z	-2.3223	-2.3223	0	%100
23	M29	X	16.0891	16.0891	0	%100
24	M29	Z	-9.289	-9.289	0	%100
25	M59	X	4.0223	4.0223	0	%100
26	M59	Z	-2.3223	-2.3223	0	%100
27	M21	X	31.9993	31.9993	0	%100
28	M21	Z	-18.4748	-18.4748	0	%100
29	M22	X	8.0095	8.0095	0	%100
30	M22	Z	-4.6243	-4.6243	0	%100
31	M23	X	7.9709	7.9709	0	%100
32	M23	Z	-4.602	-4.602	0	%100
33	M24	X	9.8328	9.8328	0	%100
34	M24	Z	-5.6769	-5.6769	0	%100
35	M25	X	2.4612	2.4612	0	%100
36	M25	Z	-1.421	-1.421	0	%100
37	M26A	X	2.4493	2.4493	0	%100
38	M26A	Z	-1.4141	-1.4141	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
39	M27A	X	31.9993	31.9993	0	%100
40	M27A	Z	-18.4748	-18.4748	0	%100
41	M28A	X	8.0095	8.0095	0	%100
42	M28A	Z	-4.6243	-4.6243	0	%100
43	M29A	X	7.9709	7.9709	0	%100
44	M29A	Z	-4.602	-4.602	0	%100
45	M30A	X	9.6534	9.6534	0	%100
46	M30A	Z	-5.5734	-5.5734	0	%100
47	M31A	X	2.4163	2.4163	0	%100
48	M31A	Z	-1.395	-1.395	0	%100
49	M32	X	2.4046	2.4046	0	%100
50	M32	Z	-1.3883	-1.3883	0	%100
51	MP2A	X	7.6423	7.6423	0	%100
52	MP2A	Z	-4.4123	-4.4123	0	%100
53	MP3A	X	7.6423	7.6423	0	%100
54	MP3A	Z	-4.4123	-4.4123	0	%100
55	MP4A	X	7.6423	7.6423	0	%100
56	MP4A	Z	-4.4123	-4.4123	0	%100
57	M39	X	1.9036	1.9036	0	%100
58	M39	Z	-1.099	-1.099	0	%100
59	M44	X	7.6423	7.6423	0	%100
60	M44	Z	-4.4123	-4.4123	0	%100
61	M49	X	1.9176	1.9176	0	%100
62	M49	Z	-1.1071	-1.1071	0	%100
63	M60A	X	2.8225	2.8225	0	%100
64	M60A	Z	-1.6296	-1.6296	0	%100
65	M61A	X	2.8225	2.8225	0	%100
66	M61A	Z	-1.6296	-1.6296	0	%100
67	M62	X	11.2899	11.2899	0	%100
68	M62	Z	-6.5182	-6.5182	0	%100
69	M63	X	2.4531	2.4531	0	%100
70	M63	Z	-1.4163	-1.4163	0	%100
71	M64	X	11.1879	11.1879	0	%100
72	M64	Z	-6.4594	-6.4594	0	%100
73	MP1C	X	7.6423	7.6423	0	%100
74	MP1C	Z	-4.4123	-4.4123	0	%100
75	MP2C	X	7.6423	7.6423	0	%100
76	MP2C	Z	-4.4123	-4.4123	0	%100
77	MP3C	X	7.6423	7.6423	0	%100
78	MP3C	Z	-4.4123	-4.4123	0	%100
79	MP4C	X	7.6423	7.6423	0	%100
80	MP4C	Z	-4.4123	-4.4123	0	%100
81	MP1B	X	7.6423	7.6423	0	%100
82	MP1B	Z	-4.4123	-4.4123	0	%100
83	MP2B	X	7.6423	7.6423	0	%100
84	MP2B	Z	-4.4123	-4.4123	0	%100
85	MP3B	X	7.6423	7.6423	0	%100
86	MP3B	Z	-4.4123	-4.4123	0	%100
87	MP4B	X	7.6423	7.6423	0	%100
88	MP4B	Z	-4.4123	-4.4123	0	%100
89	M85A	X	1.6723	1.6723	0	%100
90	M85A	Z	-.9655	-.9655	0	%100
91	M86	X	1.6121	1.6121	0	%100
92	M86	Z	-.9307	-.9307	0	%100
93	M87A	X	6.5683	6.5683	0	%100
94	M87A	Z	-3.7922	-3.7922	0	%100
95	OVP	X	6.9645	6.9645	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
96	OVP	Z	-4.0209	-4.0209	0	%100
97	M86A	X	8.237	8.237	0	%100
98	M86A	Z	-4.7556	-4.7556	0	%100
99	M87B	X	8.2383	8.2383	0	%100
100	M87B	Z	-4.7564	-4.7564	0	%100
101	M88A	X	11.1965	11.1965	0	%100
102	M88A	Z	-6.4643	-6.4643	0	%100
103	M89	X	2.4586	2.4586	0	%100
104	M89	Z	-1.4195	-1.4195	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	11.2619	11.2619	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	2.8159	2.8159	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	2.8146	2.8146	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	8.8246	8.8246	0	%100
8	MP1A	Z	0	0	0	%100
9	M6	X	3.947	3.947	0	%100
10	M6	Z	0	0	0	%100
11	M26	X	3.8881	3.8881	0	%100
12	M26	Z	0	0	0	%100
13	M27	X	15.6639	15.6639	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	8.3534	8.3534	0	%100
16	M28	Z	0	0	0	%100
17	M58	X	8.3635	8.3635	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	1.2e-5	1.2e-5	0	%100
20	M118	Z	0	0	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	0	0	0	%100
23	M29	X	13.9335	13.9335	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	13.9335	13.9335	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	27.6899	27.6899	0	%100
28	M21	Z	0	0	0	%100
29	M22	X	27.7234	27.7234	0	%100
30	M22	Z	0	0	0	%100
31	M23	X	4e-5	4e-5	0	%100
32	M23	Z	0	0	0	%100
33	M24	X	8.5086	8.5086	0	%100
34	M24	Z	0	0	0	%100
35	M25	X	8.5188	8.5188	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	1.2e-5	1.2e-5	0	%100
38	M26A	Z	0	0	0	%100
39	M27A	X	27.6899	27.6899	0	%100
40	M27A	Z	0	0	0	%100
41	M28A	X	27.7234	27.7234	0	%100
42	M28A	Z	0	0	0	%100
43	M29A	X	4e-5	4e-5	0	%100
44	M29A	Z	0	0	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
45	M30A	X	8.3534	8.3534	0	%100
46	M30A	Z	0	0	0	%100
47	M31A	X	8.3635	8.3635	0	%100
48	M31A	Z	0	0	0	%100
49	M32	X	1.2e-5	1.2e-5	0	%100
50	M32	Z	0	0	0	%100
51	MP2A	X	8.8246	8.8246	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	8.8246	8.8246	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	8.8246	8.8246	0	%100
56	MP4A	Z	0	0	0	%100
57	M39	X	1e-5	1e-5	0	%100
58	M39	Z	0	0	0	%100
59	M44	X	6.6104	6.6104	0	%100
60	M44	Z	0	0	0	%100
61	M49	X	6.6265	6.6265	0	%100
62	M49	Z	0	0	0	%100
63	M60A	X	9.7773	9.7773	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	0	0	0	%100
67	M62	X	9.7773	9.7773	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	7.3365	7.3365	0	%100
70	M63	Z	0	0	0	%100
71	M64	X	7.3351	7.3351	0	%100
72	M64	Z	0	0	0	%100
73	MP1C	X	8.8246	8.8246	0	%100
74	MP1C	Z	0	0	0	%100
75	MP2C	X	8.8246	8.8246	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3C	X	8.8246	8.8246	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	8.8246	8.8246	0	%100
80	MP4C	Z	0	0	0	%100
81	MP1B	X	8.8246	8.8246	0	%100
82	MP1B	Z	0	0	0	%100
83	MP2B	X	8.8246	8.8246	0	%100
84	MP2B	Z	0	0	0	%100
85	MP3B	X	8.8246	8.8246	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	8.8246	8.8246	0	%100
88	MP4B	Z	0	0	0	%100
89	M85A	X	5.7231	5.7231	0	%100
90	M85A	Z	0	0	0	%100
91	M86	X	.000213	.000213	0	%100
92	M86	Z	0	0	0	%100
93	M87A	X	5.6536	5.6536	0	%100
94	M87A	Z	0	0	0	%100
95	OVP	X	8.0419	8.0419	0	%100
96	OVP	Z	0	0	0	%100
97	M86A	X	3.9201	3.9201	0	%100
98	M86A	Z	0	0	0	%100
99	M87B	X	14.008	14.008	0	%100
100	M87B	Z	0	0	0	%100
101	M88A	X	14.0145	14.0145	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
102	M88A	Z	0	0	0	%100
103	M89	X	3.9275	3.9275	0	%100
104	M89	Z	0	0	0	%100

Member Distributed Loads (BLC 45 : Structure Wo (120 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	7.3148	7.3148	0	%100
2	M1	Z	4.2232	4.2232	0	%100
3	M17A	X	7.316	7.316	0	%100
4	M17A	Z	4.2239	4.2239	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	7.6423	7.6423	0	%100
8	MP1A	Z	4.4123	4.4123	0	%100
9	M6	X	10.2034	10.2034	0	%100
10	M6	Z	5.8909	5.8909	0	%100
11	M26	X	6.4e-5	6.4e-5	0	%100
12	M26	Z	3.7e-5	3.7e-5	0	%100
13	M27	X	10.174	10.174	0	%100
14	M27	Z	5.874	5.874	0	%100
15	M28	X	2.4075	2.4075	0	%100
16	M28	Z	1.39	1.39	0	%100
17	M58	X	9.6534	9.6534	0	%100
18	M58	Z	5.5734	5.5734	0	%100
19	M118	X	2.4221	2.4221	0	%100
20	M118	Z	1.3984	1.3984	0	%100
21	M6A	X	4.0223	4.0223	0	%100
22	M6A	Z	2.3223	2.3223	0	%100
23	M29	X	4.0223	4.0223	0	%100
24	M29	Z	2.3222	2.3222	0	%100
25	M59	X	16.0891	16.0891	0	%100
26	M59	Z	9.289	9.289	0	%100
27	M21	X	7.9805	7.9805	0	%100
28	M21	Z	4.6075	4.6075	0	%100
29	M22	X	31.9993	31.9993	0	%100
30	M22	Z	18.4748	18.4748	0	%100
31	M23	X	8.0289	8.0289	0	%100
32	M23	Z	4.6355	4.6355	0	%100
33	M24	X	2.4522	2.4522	0	%100
34	M24	Z	1.4158	1.4158	0	%100
35	M25	X	9.8328	9.8328	0	%100
36	M25	Z	5.6769	5.6769	0	%100
37	M26A	X	2.4671	2.4671	0	%100
38	M26A	Z	1.4244	1.4244	0	%100
39	M27A	X	7.9805	7.9805	0	%100
40	M27A	Z	4.6075	4.6075	0	%100
41	M28A	X	31.9993	31.9993	0	%100
42	M28A	Z	18.4748	18.4748	0	%100
43	M29A	X	8.0289	8.0289	0	%100
44	M29A	Z	4.6355	4.6355	0	%100
45	M30A	X	2.4075	2.4075	0	%100
46	M30A	Z	1.39	1.39	0	%100
47	M31A	X	9.6534	9.6534	0	%100
48	M31A	Z	5.5734	5.5734	0	%100
49	M32	X	2.4221	2.4221	0	%100
50	M32	Z	1.3984	1.3984	0	%100

Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
51	MP2A	X	7.6423	7.6423	0	%100
52	MP2A	Z	4.4123	4.4123	0	%100
53	MP3A	X	7.6423	7.6423	0	%100
54	MP3A	Z	4.4123	4.4123	0	%100
55	MP4A	X	7.6423	7.6423	0	%100
56	MP4A	Z	4.4123	4.4123	0	%100
57	M39	X	1.9176	1.9176	0	%100
58	M39	Z	1.1071	1.1071	0	%100
59	M44	X	1.9036	1.9036	0	%100
60	M44	Z	1.099	1.099	0	%100
61	M49	X	7.6423	7.6423	0	%100
62	M49	Z	4.4123	4.4123	0	%100
63	M60A	X	11.2899	11.2899	0	%100
64	M60A	Z	6.5182	6.5182	0	%100
65	M61A	X	2.8225	2.8225	0	%100
66	M61A	Z	1.6296	1.6296	0	%100
67	M62	X	2.8225	2.8225	0	%100
68	M62	Z	1.6296	1.6296	0	%100
69	M63	X	11.196	11.196	0	%100
70	M63	Z	6.464	6.464	0	%100
71	M64	X	2.4589	2.4589	0	%100
72	M64	Z	1.4197	1.4197	0	%100
73	MP1C	X	7.6423	7.6423	0	%100
74	MP1C	Z	4.4123	4.4123	0	%100
75	MP2C	X	7.6423	7.6423	0	%100
76	MP2C	Z	4.4123	4.4123	0	%100
77	MP3C	X	7.6423	7.6423	0	%100
78	MP3C	Z	4.4123	4.4123	0	%100
79	MP4C	X	7.6423	7.6423	0	%100
80	MP4C	Z	4.4123	4.4123	0	%100
81	MP1B	X	7.6423	7.6423	0	%100
82	MP1B	Z	4.4123	4.4123	0	%100
83	MP2B	X	7.6423	7.6423	0	%100
84	MP2B	Z	4.4123	4.4123	0	%100
85	MP3B	X	7.6423	7.6423	0	%100
86	MP3B	Z	4.4123	4.4123	0	%100
87	MP4B	X	7.6423	7.6423	0	%100
88	MP4B	Z	4.4123	4.4123	0	%100
89	M85A	X	6.5683	6.5683	0	%100
90	M85A	Z	3.7922	3.7922	0	%100
91	M86	X	1.6723	1.6723	0	%100
92	M86	Z	.9655	.9655	0	%100
93	M87A	X	1.6121	1.6121	0	%100
94	M87A	Z	.9307	.9307	0	%100
95	OVP	X	6.9645	6.9645	0	%100
96	OVP	Z	4.0209	4.0209	0	%100
97	M86A	X	2.4535	2.4535	0	%100
98	M86A	Z	1.4165	1.4165	0	%100
99	M87B	X	11.1875	11.1875	0	%100
100	M87B	Z	6.4591	6.4591	0	%100
101	M88A	X	8.2359	8.2359	0	%100
102	M88A	Z	4.755	4.755	0	%100
103	M89	X	8.2373	8.2373	0	%100
104	M89	Z	4.7558	4.7558	0	%100

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg))

Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	1.4077	1.4077	0	%100
2	M1	Z	2.4383	2.4383	0	%100
3	M17A	X	5.6319	5.6319	0	%100
4	M17A	Z	9.7547	9.7547	0	%100
5	M47	X	1.4073	1.4073	0	%100
6	M47	Z	2.4375	2.4375	0	%100
7	MP1A	X	4.4123	4.4123	0	%100
8	MP1A	Z	7.6423	7.6423	0	%100
9	M6	X	7.8349	7.8349	0	%100
10	M6	Z	13.5705	13.5705	0	%100
11	M26	X	1.9735	1.9735	0	%100
12	M26	Z	3.4182	3.4182	0	%100
13	M27	X	1.958	1.958	0	%100
14	M27	Z	3.3913	3.3913	0	%100
15	M28	X	3e-6	3e-6	0	%100
16	M28	Z	5e-6	5e-6	0	%100
17	M58	X	4.1784	4.1784	0	%100
18	M58	Z	7.2372	7.2372	0	%100
19	M118	X	4.1851	4.1851	0	%100
20	M118	Z	7.2488	7.2488	0	%100
21	M6A	X	6.9668	6.9668	0	%100
22	M6A	Z	12.0668	12.0668	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	6.9668	6.9668	0	%100
26	M59	Z	12.0668	12.0668	0	%100
27	M21	X	9e-6	9e-6	0	%100
28	M21	Z	1.6e-5	1.6e-5	0	%100
29	M22	X	13.8505	13.8505	0	%100
30	M22	Z	23.9898	23.9898	0	%100
31	M23	X	13.8729	13.8729	0	%100
32	M23	Z	24.0285	24.0285	0	%100
33	M24	X	3e-6	3e-6	0	%100
34	M24	Z	5e-6	5e-6	0	%100
35	M25	X	4.256	4.256	0	%100
36	M25	Z	7.3716	7.3716	0	%100
37	M26A	X	4.2629	4.2629	0	%100
38	M26A	Z	7.3835	7.3835	0	%100
39	M27A	X	9e-6	9e-6	0	%100
40	M27A	Z	1.6e-5	1.6e-5	0	%100
41	M28A	X	13.8505	13.8505	0	%100
42	M28A	Z	23.9898	23.9898	0	%100
43	M29A	X	13.8729	13.8729	0	%100
44	M29A	Z	24.0285	24.0285	0	%100
45	M30A	X	3e-6	3e-6	0	%100
46	M30A	Z	5e-6	5e-6	0	%100
47	M31A	X	4.1784	4.1784	0	%100
48	M31A	Z	7.2372	7.2372	0	%100
49	M32	X	4.1851	4.1851	0	%100
50	M32	Z	7.2488	7.2488	0	%100
51	MP2A	X	4.4123	4.4123	0	%100
52	MP2A	Z	7.6423	7.6423	0	%100
53	MP3A	X	4.4123	4.4123	0	%100
54	MP3A	Z	7.6423	7.6423	0	%100
55	MP4A	X	4.4123	4.4123	0	%100
56	MP4A	Z	7.6423	7.6423	0	%100
57	M39	X	3.3132	3.3132	0	%100

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
58	M39	Z	5.7387	5.7387	0	%100
59	M44	X	5e-6	5e-6	0	%100
60	M44	Z	8e-6	8e-6	0	%100
61	M49	X	3.3052	3.3052	0	%100
62	M49	Z	5.7247	5.7247	0	%100
63	M60A	X	4.8887	4.8887	0	%100
64	M60A	Z	8.4674	8.4674	0	%100
65	M61A	X	4.8887	4.8887	0	%100
66	M61A	Z	8.4674	8.4674	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	7.0079	7.0079	0	%100
70	M63	Z	12.138	12.138	0	%100
71	M64	X	1.9636	1.9636	0	%100
72	M64	Z	3.4011	3.4011	0	%100
73	MP1C	X	4.4123	4.4123	0	%100
74	MP1C	Z	7.6423	7.6423	0	%100
75	MP2C	X	4.4123	4.4123	0	%100
76	MP2C	Z	7.6423	7.6423	0	%100
77	MP3C	X	4.4123	4.4123	0	%100
78	MP3C	Z	7.6423	7.6423	0	%100
79	MP4C	X	4.4123	4.4123	0	%100
80	MP4C	Z	7.6423	7.6423	0	%100
81	MP1B	X	4.4123	4.4123	0	%100
82	MP1B	Z	7.6423	7.6423	0	%100
83	MP2B	X	4.4123	4.4123	0	%100
84	MP2B	Z	7.6423	7.6423	0	%100
85	MP3B	X	4.4123	4.4123	0	%100
86	MP3B	Z	7.6423	7.6423	0	%100
87	MP4B	X	4.4123	4.4123	0	%100
88	MP4B	Z	7.6423	7.6423	0	%100
89	M85A	X	2.8268	2.8268	0	%100
90	M85A	Z	4.8961	4.8961	0	%100
91	M86	X	2.8616	2.8616	0	%100
92	M86	Z	4.9564	4.9564	0	%100
93	M87A	X	.000106	.000106	0	%100
94	M87A	Z	.000184	.000184	0	%100
95	OVP	X	4.0209	4.0209	0	%100
96	OVP	Z	6.9645	6.9645	0	%100
97	M86A	X	3.6686	3.6686	0	%100
98	M86A	Z	6.3541	6.3541	0	%100
99	M87B	X	3.6667	3.6667	0	%100
100	M87B	Z	6.3509	6.3509	0	%100
101	M88A	X	1.9598	1.9598	0	%100
102	M88A	Z	3.3945	3.3945	0	%100
103	M89	X	7.0036	7.0036	0	%100
104	M89	Z	12.1305	12.1305	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	8.4478	8.4478	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	8.4438	8.4438	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
7	MP1A	X	0	0	0	%100
8	MP1A	Z	8.8246	8.8246	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	11.723	11.723	0	%100
11	M26	X	0	0	0	%100
12	M26	Z	11.7819	11.7819	0	%100
13	M27	X	0	0	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	0	0	0	%100
16	M28	Z	2.7934	2.7934	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	2.7833	2.7833	0	%100
19	M118	X	0	0	0	%100
20	M118	Z	11.1468	11.1468	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	18.578	18.578	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	4.6445	4.6445	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	4.6445	4.6445	0	%100
27	M21	X	0	0	0	%100
28	M21	Z	9.2598	9.2598	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	9.2263	9.2263	0	%100
31	M23	X	0	0	0	%100
32	M23	Z	36.9496	36.9496	0	%100
33	M24	X	0	0	0	%100
34	M24	Z	2.8453	2.8453	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	2.835	2.835	0	%100
37	M26A	X	0	0	0	%100
38	M26A	Z	11.3539	11.3539	0	%100
39	M27A	X	0	0	0	%100
40	M27A	Z	9.2598	9.2598	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	9.2263	9.2263	0	%100
43	M29A	X	0	0	0	%100
44	M29A	Z	36.9496	36.9496	0	%100
45	M30A	X	0	0	0	%100
46	M30A	Z	2.7934	2.7934	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	2.7833	2.7833	0	%100
49	M32	X	0	0	0	%100
50	M32	Z	11.1468	11.1468	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	8.8246	8.8246	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	8.8246	8.8246	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	8.8246	8.8246	0	%100
57	M39	X	0	0	0	%100
58	M39	Z	8.8246	8.8246	0	%100
59	M44	X	0	0	0	%100
60	M44	Z	2.2142	2.2142	0	%100
61	M49	X	0	0	0	%100
62	M49	Z	2.1981	2.1981	0	%100
63	M60A	X	0	0	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
64	M60A	Z	3.2591	3.2591	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	13.0365	13.0365	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	3.2591	3.2591	0	%100
69	M63	X	0	0	0	%100
70	M63	Z	9.5119	9.5119	0	%100
71	M64	X	0	0	0	%100
72	M64	Z	9.5109	9.5109	0	%100
73	MP1C	X	0	0	0	%100
74	MP1C	Z	8.8246	8.8246	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	8.8246	8.8246	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	8.8246	8.8246	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	8.8246	8.8246	0	%100
81	MP1B	X	0	0	0	%100
82	MP1B	Z	8.8246	8.8246	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	8.8246	8.8246	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	8.8246	8.8246	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	8.8246	8.8246	0	%100
89	M85A	X	0	0	0	%100
90	M85A	Z	1.8615	1.8615	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	7.5844	7.5844	0	%100
93	M87A	X	0	0	0	%100
94	M87A	Z	1.931	1.931	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	8.0419	8.0419	0	%100
97	M86A	X	0	0	0	%100
98	M86A	Z	12.9283	12.9283	0	%100
99	M87B	X	0	0	0	%100
100	M87B	Z	2.8382	2.8382	0	%100
101	M88A	X	0	0	0	%100
102	M88A	Z	2.8337	2.8337	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	12.9185	12.9185	0	%100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-1.4077	-1.4077	0	%100
2	M1	Z	2.4383	2.4383	0	%100
3	M17A	X	-1.408	-1.408	0	%100
4	M17A	Z	2.4387	2.4387	0	%100
5	M47	X	-5.6292	-5.6292	0	%100
6	M47	Z	9.7501	9.7501	0	%100
7	MP1A	X	-4.4123	-4.4123	0	%100
8	MP1A	Z	7.6423	7.6423	0	%100
9	M6	X	-1.944	-1.944	0	%100
10	M6	Z	3.3672	3.3672	0	%100
11	M26	X	-7.8349	-7.8349	0	%100
12	M26	Z	13.5705	13.5705	0	%100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
13	M27	X	-1.958	-1.958	0	%100
14	M27	Z	3.3913	3.3913	0	%100
15	M28	X	-4.1834	-4.1834	0	%100
16	M28	Z	7.2459	7.2459	0	%100
17	M58	X	-1e-6	-1e-6	0	%100
18	M58	Z	1e-6	1e-6	0	%100
19	M118	X	-4.175	-4.175	0	%100
20	M118	Z	7.2313	7.2313	0	%100
21	M6A	X	-6.9668	-6.9668	0	%100
22	M6A	Z	12.0668	12.0668	0	%100
23	M29	X	-6.9668	-6.9668	0	%100
24	M29	Z	12.0668	12.0668	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	-13.8673	-13.8673	0	%100
28	M21	Z	24.0188	24.0188	0	%100
29	M22	X	-2e-6	-2e-6	0	%100
30	M22	Z	4e-6	4e-6	0	%100
31	M23	X	-13.8394	-13.8394	0	%100
32	M23	Z	23.9705	23.9705	0	%100
33	M24	X	-4.2611	-4.2611	0	%100
34	M24	Z	7.3805	7.3805	0	%100
35	M25	X	-1e-6	-1e-6	0	%100
36	M25	Z	1e-6	1e-6	0	%100
37	M26A	X	-4.2526	-4.2526	0	%100
38	M26A	Z	7.3657	7.3657	0	%100
39	M27A	X	-13.8673	-13.8673	0	%100
40	M27A	Z	24.0188	24.0188	0	%100
41	M28A	X	-2e-6	-2e-6	0	%100
42	M28A	Z	4e-6	4e-6	0	%100
43	M29A	X	-13.8394	-13.8394	0	%100
44	M29A	Z	23.9705	23.9705	0	%100
45	M30A	X	-4.1834	-4.1834	0	%100
46	M30A	Z	7.2459	7.2459	0	%100
47	M31A	X	-1e-6	-1e-6	0	%100
48	M31A	Z	1e-6	1e-6	0	%100
49	M32	X	-4.175	-4.175	0	%100
50	M32	Z	7.2313	7.2313	0	%100
51	MP2A	X	-4.4123	-4.4123	0	%100
52	MP2A	Z	7.6423	7.6423	0	%100
53	MP3A	X	-4.4123	-4.4123	0	%100
54	MP3A	Z	7.6423	7.6423	0	%100
55	MP4A	X	-4.4123	-4.4123	0	%100
56	MP4A	Z	7.6423	7.6423	0	%100
57	M39	X	-3.3052	-3.3052	0	%100
58	M39	Z	5.7247	5.7247	0	%100
59	M44	X	-3.3132	-3.3132	0	%100
60	M44	Z	5.7387	5.7387	0	%100
61	M49	X	-5e-6	-5e-6	0	%100
62	M49	Z	8e-6	8e-6	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	-4.8887	-4.8887	0	%100
66	M61A	Z	8.4674	8.4674	0	%100
67	M62	X	-4.8887	-4.8887	0	%100
68	M62	Z	8.4674	8.4674	0	%100
69	M63	X	-1.9602	-1.9602	0	%100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
70	M63	Z	3.3951	3.3951	0	%100
71	M64	X	-7.0033	-7.0033	0	%100
72	M64	Z	12.1301	12.1301	0	%100
73	MP1C	X	-4.4123	-4.4123	0	%100
74	MP1C	Z	7.6423	7.6423	0	%100
75	MP2C	X	-4.4123	-4.4123	0	%100
76	MP2C	Z	7.6423	7.6423	0	%100
77	MP3C	X	-4.4123	-4.4123	0	%100
78	MP3C	Z	7.6423	7.6423	0	%100
79	MP4C	X	-4.4123	-4.4123	0	%100
80	MP4C	Z	7.6423	7.6423	0	%100
81	MP1B	X	-4.4123	-4.4123	0	%100
82	MP1B	Z	7.6423	7.6423	0	%100
83	MP2B	X	-4.4123	-4.4123	0	%100
84	MP2B	Z	7.6423	7.6423	0	%100
85	MP3B	X	-4.4123	-4.4123	0	%100
86	MP3B	Z	7.6423	7.6423	0	%100
87	MP4B	X	-4.4123	-4.4123	0	%100
88	MP4B	Z	7.6423	7.6423	0	%100
89	M85A	X	-.000106	-.000106	0	%100
90	M85A	Z	.000184	.000184	0	%100
91	M86	X	-2.8268	-2.8268	0	%100
92	M86	Z	4.8961	4.8961	0	%100
93	M87A	X	-2.8616	-2.8616	0	%100
94	M87A	Z	4.9564	4.9564	0	%100
95	OVP	X	-4.0209	-4.0209	0	%100
96	OVP	Z	6.9645	6.9645	0	%100
97	M86A	X	-7.0077	-7.0077	0	%100
98	M86A	Z	12.1376	12.1376	0	%100
99	M87B	X	-1.964	-1.964	0	%100
100	M87B	Z	3.4017	3.4017	0	%100
101	M88A	X	-3.6691	-3.6691	0	%100
102	M88A	Z	6.3551	6.3551	0	%100
103	M89	X	-3.6672	-3.6672	0	%100
104	M89	Z	6.3518	6.3518	0	%100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-7.3148	-7.3148	0	%100
2	M1	Z	4.2232	4.2232	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	-7.3126	-7.3126	0	%100
6	M47	Z	4.2219	4.2219	0	%100
7	MP1A	X	-7.6423	-7.6423	0	%100
8	MP1A	Z	4.4123	4.4123	0	%100
9	M6	X	-6.4e-5	-6.4e-5	0	%100
10	M6	Z	3.7e-5	3.7e-5	0	%100
11	M26	X	-10.1524	-10.1524	0	%100
12	M26	Z	5.8615	5.8615	0	%100
13	M27	X	-10.174	-10.174	0	%100
14	M27	Z	5.874	5.874	0	%100
15	M28	X	-9.6534	-9.6534	0	%100
16	M28	Z	5.5734	5.5734	0	%100
17	M58	X	-2.4163	-2.4163	0	%100
18	M58	Z	1.395	1.395	0	%100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
19	M118	X	-2.4046	-2.4046	0	%100
20	M118	Z	1.3883	1.3883	0	%100
21	M6A	X	-4.0223	-4.0223	0	%100
22	M6A	Z	2.3223	2.3223	0	%100
23	M29	X	-16.0891	-16.0891	0	%100
24	M29	Z	9.289	9.289	0	%100
25	M59	X	-4.0223	-4.0223	0	%100
26	M59	Z	2.3223	2.3223	0	%100
27	M21	X	-31.9993	-31.9993	0	%100
28	M21	Z	18.4748	18.4748	0	%100
29	M22	X	-8.0095	-8.0095	0	%100
30	M22	Z	4.6243	4.6243	0	%100
31	M23	X	-7.9709	-7.9709	0	%100
32	M23	Z	4.602	4.602	0	%100
33	M24	X	-9.8328	-9.8328	0	%100
34	M24	Z	5.6769	5.6769	0	%100
35	M25	X	-2.4612	-2.4612	0	%100
36	M25	Z	1.421	1.421	0	%100
37	M26A	X	-2.4493	-2.4493	0	%100
38	M26A	Z	1.4141	1.4141	0	%100
39	M27A	X	-31.9993	-31.9993	0	%100
40	M27A	Z	18.4748	18.4748	0	%100
41	M28A	X	-8.0095	-8.0095	0	%100
42	M28A	Z	4.6243	4.6243	0	%100
43	M29A	X	-7.9709	-7.9709	0	%100
44	M29A	Z	4.602	4.602	0	%100
45	M30A	X	-9.6534	-9.6534	0	%100
46	M30A	Z	5.5734	5.5734	0	%100
47	M31A	X	-2.4163	-2.4163	0	%100
48	M31A	Z	1.395	1.395	0	%100
49	M32	X	-2.4046	-2.4046	0	%100
50	M32	Z	1.3883	1.3883	0	%100
51	MP2A	X	-7.6423	-7.6423	0	%100
52	MP2A	Z	4.4123	4.4123	0	%100
53	MP3A	X	-7.6423	-7.6423	0	%100
54	MP3A	Z	4.4123	4.4123	0	%100
55	MP4A	X	-7.6423	-7.6423	0	%100
56	MP4A	Z	4.4123	4.4123	0	%100
57	M39	X	-1.9036	-1.9036	0	%100
58	M39	Z	1.099	1.099	0	%100
59	M44	X	-7.6423	-7.6423	0	%100
60	M44	Z	4.4123	4.4123	0	%100
61	M49	X	-1.9176	-1.9176	0	%100
62	M49	Z	1.1071	1.1071	0	%100
63	M60A	X	-2.8225	-2.8225	0	%100
64	M60A	Z	1.6296	1.6296	0	%100
65	M61A	X	-2.8225	-2.8225	0	%100
66	M61A	Z	1.6296	1.6296	0	%100
67	M62	X	-11.2899	-11.2899	0	%100
68	M62	Z	6.5182	6.5182	0	%100
69	M63	X	-2.4531	-2.4531	0	%100
70	M63	Z	1.4163	1.4163	0	%100
71	M64	X	-11.1879	-11.1879	0	%100
72	M64	Z	6.4594	6.4594	0	%100
73	MP1C	X	-7.6423	-7.6423	0	%100
74	MP1C	Z	4.4123	4.4123	0	%100
75	MP2C	X	-7.6423	-7.6423	0	%100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
76	MP2C	Z	4.4123	4.4123	0	%100
77	MP3C	X	-7.6423	-7.6423	0	%100
78	MP3C	Z	4.4123	4.4123	0	%100
79	MP4C	X	-7.6423	-7.6423	0	%100
80	MP4C	Z	4.4123	4.4123	0	%100
81	MP1B	X	-7.6423	-7.6423	0	%100
82	MP1B	Z	4.4123	4.4123	0	%100
83	MP2B	X	-7.6423	-7.6423	0	%100
84	MP2B	Z	4.4123	4.4123	0	%100
85	MP3B	X	-7.6423	-7.6423	0	%100
86	MP3B	Z	4.4123	4.4123	0	%100
87	MP4B	X	-7.6423	-7.6423	0	%100
88	MP4B	Z	4.4123	4.4123	0	%100
89	M85A	X	-1.6723	-1.6723	0	%100
90	M85A	Z	.9655	.9655	0	%100
91	M86	X	-1.6121	-1.6121	0	%100
92	M86	Z	.9307	.9307	0	%100
93	M87A	X	-6.5683	-6.5683	0	%100
94	M87A	Z	3.7922	3.7922	0	%100
95	OVP	X	-6.9645	-6.9645	0	%100
96	OVP	Z	4.0209	4.0209	0	%100
97	M86A	X	-8.237	-8.237	0	%100
98	M86A	Z	4.7556	4.7556	0	%100
99	M87B	X	-8.2383	-8.2383	0	%100
100	M87B	Z	4.7564	4.7564	0	%100
101	M88A	X	-11.1965	-11.1965	0	%100
102	M88A	Z	6.4643	6.4643	0	%100
103	M89	X	-2.4586	-2.4586	0	%100
104	M89	Z	1.4195	1.4195	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-11.2619	-11.2619	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	-2.8159	-2.8159	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	-2.8146	-2.8146	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	-8.8246	-8.8246	0	%100
8	MP1A	Z	0	0	0	%100
9	M6	X	-3.947	-3.947	0	%100
10	M6	Z	0	0	0	%100
11	M26	X	-3.8881	-3.8881	0	%100
12	M26	Z	0	0	0	%100
13	M27	X	-15.6639	-15.6639	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	-8.3534	-8.3534	0	%100
16	M28	Z	0	0	0	%100
17	M58	X	-8.3635	-8.3635	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	-1.2e-5	-1.2e-5	0	%100
20	M118	Z	0	0	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	0	0	0	%100
23	M29	X	-13.9335	-13.9335	0	%100
24	M29	Z	0	0	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
25	M59	X	-13.9335	-13.9335	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	-27.6899	-27.6899	0	%100
28	M21	Z	0	0	0	%100
29	M22	X	-27.7234	-27.7234	0	%100
30	M22	Z	0	0	0	%100
31	M23	X	-4e-5	-4e-5	0	%100
32	M23	Z	0	0	0	%100
33	M24	X	-8.5086	-8.5086	0	%100
34	M24	Z	0	0	0	%100
35	M25	X	-8.5188	-8.5188	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	-1.2e-5	-1.2e-5	0	%100
38	M26A	Z	0	0	0	%100
39	M27A	X	-27.6899	-27.6899	0	%100
40	M27A	Z	0	0	0	%100
41	M28A	X	-27.7234	-27.7234	0	%100
42	M28A	Z	0	0	0	%100
43	M29A	X	-4e-5	-4e-5	0	%100
44	M29A	Z	0	0	0	%100
45	M30A	X	-8.3534	-8.3534	0	%100
46	M30A	Z	0	0	0	%100
47	M31A	X	-8.3635	-8.3635	0	%100
48	M31A	Z	0	0	0	%100
49	M32	X	-1.2e-5	-1.2e-5	0	%100
50	M32	Z	0	0	0	%100
51	MP2A	X	-8.8246	-8.8246	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	-8.8246	-8.8246	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	-8.8246	-8.8246	0	%100
56	MP4A	Z	0	0	0	%100
57	M39	X	-1e-5	-1e-5	0	%100
58	M39	Z	0	0	0	%100
59	M44	X	-6.6104	-6.6104	0	%100
60	M44	Z	0	0	0	%100
61	M49	X	-6.6265	-6.6265	0	%100
62	M49	Z	0	0	0	%100
63	M60A	X	-9.7773	-9.7773	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	0	0	0	%100
67	M62	X	-9.7773	-9.7773	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	-7.3365	-7.3365	0	%100
70	M63	Z	0	0	0	%100
71	M64	X	-7.3351	-7.3351	0	%100
72	M64	Z	0	0	0	%100
73	MP1C	X	-8.8246	-8.8246	0	%100
74	MP1C	Z	0	0	0	%100
75	MP2C	X	-8.8246	-8.8246	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3C	X	-8.8246	-8.8246	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	-8.8246	-8.8246	0	%100
80	MP4C	Z	0	0	0	%100
81	MP1B	X	-8.8246	-8.8246	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
82	MP1B	Z	0	0	0	%100
83	MP2B	X	-8.8246	-8.8246	0	%100
84	MP2B	Z	0	0	0	%100
85	MP3B	X	-8.8246	-8.8246	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	-8.8246	-8.8246	0	%100
88	MP4B	Z	0	0	0	%100
89	M85A	X	-5.7231	-5.7231	0	%100
90	M85A	Z	0	0	0	%100
91	M86	X	-.000213	-.000213	0	%100
92	M86	Z	0	0	0	%100
93	M87A	X	-5.6536	-5.6536	0	%100
94	M87A	Z	0	0	0	%100
95	OVP	X	-8.0419	-8.0419	0	%100
96	OVP	Z	0	0	0	%100
97	M86A	X	-3.9201	-3.9201	0	%100
98	M86A	Z	0	0	0	%100
99	M87B	X	-14.008	-14.008	0	%100
100	M87B	Z	0	0	0	%100
101	M88A	X	-14.0145	-14.0145	0	%100
102	M88A	Z	0	0	0	%100
103	M89	X	-3.9275	-3.9275	0	%100
104	M89	Z	0	0	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-7.3148	-7.3148	0	%100
2	M1	Z	-4.2232	-4.2232	0	%100
3	M17A	X	-7.316	-7.316	0	%100
4	M17A	Z	-4.2239	-4.2239	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	-7.6423	-7.6423	0	%100
8	MP1A	Z	-4.4123	-4.4123	0	%100
9	M6	X	-10.2034	-10.2034	0	%100
10	M6	Z	-5.8909	-5.8909	0	%100
11	M26	X	-6.4e-5	-6.4e-5	0	%100
12	M26	Z	-3.7e-5	-3.7e-5	0	%100
13	M27	X	-10.174	-10.174	0	%100
14	M27	Z	-5.874	-5.874	0	%100
15	M28	X	-2.4075	-2.4075	0	%100
16	M28	Z	-1.39	-1.39	0	%100
17	M58	X	-9.6534	-9.6534	0	%100
18	M58	Z	-5.5734	-5.5734	0	%100
19	M118	X	-2.4221	-2.4221	0	%100
20	M118	Z	-1.3984	-1.3984	0	%100
21	M6A	X	-4.0223	-4.0223	0	%100
22	M6A	Z	-2.3223	-2.3223	0	%100
23	M29	X	-4.0223	-4.0223	0	%100
24	M29	Z	-2.3222	-2.3222	0	%100
25	M59	X	-16.0891	-16.0891	0	%100
26	M59	Z	-9.289	-9.289	0	%100
27	M21	X	-7.9805	-7.9805	0	%100
28	M21	Z	-4.6075	-4.6075	0	%100
29	M22	X	-31.9993	-31.9993	0	%100
30	M22	Z	-18.4748	-18.4748	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
31	M23	X	-8.0289	-8.0289	0	%100
32	M23	Z	-4.6355	-4.6355	0	%100
33	M24	X	-2.4522	-2.4522	0	%100
34	M24	Z	-1.4158	-1.4158	0	%100
35	M25	X	-9.8328	-9.8328	0	%100
36	M25	Z	-5.6769	-5.6769	0	%100
37	M26A	X	-2.4671	-2.4671	0	%100
38	M26A	Z	-1.4244	-1.4244	0	%100
39	M27A	X	-7.9805	-7.9805	0	%100
40	M27A	Z	-4.6075	-4.6075	0	%100
41	M28A	X	-31.9993	-31.9993	0	%100
42	M28A	Z	-18.4748	-18.4748	0	%100
43	M29A	X	-8.0289	-8.0289	0	%100
44	M29A	Z	-4.6355	-4.6355	0	%100
45	M30A	X	-2.4075	-2.4075	0	%100
46	M30A	Z	-1.39	-1.39	0	%100
47	M31A	X	-9.6534	-9.6534	0	%100
48	M31A	Z	-5.5734	-5.5734	0	%100
49	M32	X	-2.4221	-2.4221	0	%100
50	M32	Z	-1.3984	-1.3984	0	%100
51	MP2A	X	-7.6423	-7.6423	0	%100
52	MP2A	Z	-4.4123	-4.4123	0	%100
53	MP3A	X	-7.6423	-7.6423	0	%100
54	MP3A	Z	-4.4123	-4.4123	0	%100
55	MP4A	X	-7.6423	-7.6423	0	%100
56	MP4A	Z	-4.4123	-4.4123	0	%100
57	M39	X	-1.9176	-1.9176	0	%100
58	M39	Z	-1.1071	-1.1071	0	%100
59	M44	X	-1.9036	-1.9036	0	%100
60	M44	Z	-1.099	-1.099	0	%100
61	M49	X	-7.6423	-7.6423	0	%100
62	M49	Z	-4.4123	-4.4123	0	%100
63	M60A	X	-11.2899	-11.2899	0	%100
64	M60A	Z	-6.5182	-6.5182	0	%100
65	M61A	X	-2.8225	-2.8225	0	%100
66	M61A	Z	-1.6296	-1.6296	0	%100
67	M62	X	-2.8225	-2.8225	0	%100
68	M62	Z	-1.6296	-1.6296	0	%100
69	M63	X	-11.196	-11.196	0	%100
70	M63	Z	-6.464	-6.464	0	%100
71	M64	X	-2.4589	-2.4589	0	%100
72	M64	Z	-1.4197	-1.4197	0	%100
73	MP1C	X	-7.6423	-7.6423	0	%100
74	MP1C	Z	-4.4123	-4.4123	0	%100
75	MP2C	X	-7.6423	-7.6423	0	%100
76	MP2C	Z	-4.4123	-4.4123	0	%100
77	MP3C	X	-7.6423	-7.6423	0	%100
78	MP3C	Z	-4.4123	-4.4123	0	%100
79	MP4C	X	-7.6423	-7.6423	0	%100
80	MP4C	Z	-4.4123	-4.4123	0	%100
81	MP1B	X	-7.6423	-7.6423	0	%100
82	MP1B	Z	-4.4123	-4.4123	0	%100
83	MP2B	X	-7.6423	-7.6423	0	%100
84	MP2B	Z	-4.4123	-4.4123	0	%100
85	MP3B	X	-7.6423	-7.6423	0	%100
86	MP3B	Z	-4.4123	-4.4123	0	%100
87	MP4B	X	-7.6423	-7.6423	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
88	MP4B	Z	-4.4123	-4.4123	0	%100
89	M85A	X	-6.5683	-6.5683	0	%100
90	M85A	Z	-3.7922	-3.7922	0	%100
91	M86	X	-1.6723	-1.6723	0	%100
92	M86	Z	-.9655	-.9655	0	%100
93	M87A	X	-1.6121	-1.6121	0	%100
94	M87A	Z	-.9307	-.9307	0	%100
95	OVP	X	-6.9645	-6.9645	0	%100
96	OVP	Z	-4.0209	-4.0209	0	%100
97	M86A	X	-2.4535	-2.4535	0	%100
98	M86A	Z	-1.4165	-1.4165	0	%100
99	M87B	X	-11.1875	-11.1875	0	%100
100	M87B	Z	-6.4591	-6.4591	0	%100
101	M88A	X	-8.2359	-8.2359	0	%100
102	M88A	Z	-4.755	-4.755	0	%100
103	M89	X	-8.2373	-8.2373	0	%100
104	M89	Z	-4.7558	-4.7558	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-1.4077	-1.4077	0	%100
2	M1	Z	-2.4383	-2.4383	0	%100
3	M17A	X	-5.6319	-5.6319	0	%100
4	M17A	Z	-9.7547	-9.7547	0	%100
5	M47	X	-1.4073	-1.4073	0	%100
6	M47	Z	-2.4375	-2.4375	0	%100
7	MP1A	X	-4.4123	-4.4123	0	%100
8	MP1A	Z	-7.6423	-7.6423	0	%100
9	M6	X	-7.8349	-7.8349	0	%100
10	M6	Z	-13.5705	-13.5705	0	%100
11	M26	X	-1.9735	-1.9735	0	%100
12	M26	Z	-3.4182	-3.4182	0	%100
13	M27	X	-1.958	-1.958	0	%100
14	M27	Z	-3.3913	-3.3913	0	%100
15	M28	X	-3e-6	-3e-6	0	%100
16	M28	Z	-5e-6	-5e-6	0	%100
17	M58	X	-4.1784	-4.1784	0	%100
18	M58	Z	-7.2372	-7.2372	0	%100
19	M118	X	-4.1851	-4.1851	0	%100
20	M118	Z	-7.2488	-7.2488	0	%100
21	M6A	X	-6.9668	-6.9668	0	%100
22	M6A	Z	-12.0668	-12.0668	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	-6.9668	-6.9668	0	%100
26	M59	Z	-12.0668	-12.0668	0	%100
27	M21	X	-9e-6	-9e-6	0	%100
28	M21	Z	-1.6e-5	-1.6e-5	0	%100
29	M22	X	-13.8505	-13.8505	0	%100
30	M22	Z	-23.9898	-23.9898	0	%100
31	M23	X	-13.8729	-13.8729	0	%100
32	M23	Z	-24.0285	-24.0285	0	%100
33	M24	X	-3e-6	-3e-6	0	%100
34	M24	Z	-5e-6	-5e-6	0	%100
35	M25	X	-4.256	-4.256	0	%100
36	M25	Z	-7.3716	-7.3716	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
37	M26A	X	-4.2629	-4.2629	0	%100
38	M26A	Z	-7.3835	-7.3835	0	%100
39	M27A	X	-9e-6	-9e-6	0	%100
40	M27A	Z	-1.6e-5	-1.6e-5	0	%100
41	M28A	X	-13.8505	-13.8505	0	%100
42	M28A	Z	-23.9898	-23.9898	0	%100
43	M29A	X	-13.8729	-13.8729	0	%100
44	M29A	Z	-24.0285	-24.0285	0	%100
45	M30A	X	-3e-6	-3e-6	0	%100
46	M30A	Z	-5e-6	-5e-6	0	%100
47	M31A	X	-4.1784	-4.1784	0	%100
48	M31A	Z	-7.2372	-7.2372	0	%100
49	M32	X	-4.1851	-4.1851	0	%100
50	M32	Z	-7.2488	-7.2488	0	%100
51	MP2A	X	-4.4123	-4.4123	0	%100
52	MP2A	Z	-7.6423	-7.6423	0	%100
53	MP3A	X	-4.4123	-4.4123	0	%100
54	MP3A	Z	-7.6423	-7.6423	0	%100
55	MP4A	X	-4.4123	-4.4123	0	%100
56	MP4A	Z	-7.6423	-7.6423	0	%100
57	M39	X	-3.3132	-3.3132	0	%100
58	M39	Z	-5.7387	-5.7387	0	%100
59	M44	X	-5e-6	-5e-6	0	%100
60	M44	Z	-8e-6	-8e-6	0	%100
61	M49	X	-3.3052	-3.3052	0	%100
62	M49	Z	-5.7247	-5.7247	0	%100
63	M60A	X	-4.8887	-4.8887	0	%100
64	M60A	Z	-8.4674	-8.4674	0	%100
65	M61A	X	-4.8887	-4.8887	0	%100
66	M61A	Z	-8.4674	-8.4674	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	-7.0079	-7.0079	0	%100
70	M63	Z	-12.138	-12.138	0	%100
71	M64	X	-1.9636	-1.9636	0	%100
72	M64	Z	-3.4011	-3.4011	0	%100
73	MP1C	X	-4.4123	-4.4123	0	%100
74	MP1C	Z	-7.6423	-7.6423	0	%100
75	MP2C	X	-4.4123	-4.4123	0	%100
76	MP2C	Z	-7.6423	-7.6423	0	%100
77	MP3C	X	-4.4123	-4.4123	0	%100
78	MP3C	Z	-7.6423	-7.6423	0	%100
79	MP4C	X	-4.4123	-4.4123	0	%100
80	MP4C	Z	-7.6423	-7.6423	0	%100
81	MP1B	X	-4.4123	-4.4123	0	%100
82	MP1B	Z	-7.6423	-7.6423	0	%100
83	MP2B	X	-4.4123	-4.4123	0	%100
84	MP2B	Z	-7.6423	-7.6423	0	%100
85	MP3B	X	-4.4123	-4.4123	0	%100
86	MP3B	Z	-7.6423	-7.6423	0	%100
87	MP4B	X	-4.4123	-4.4123	0	%100
88	MP4B	Z	-7.6423	-7.6423	0	%100
89	M85A	X	-2.8268	-2.8268	0	%100
90	M85A	Z	-4.8961	-4.8961	0	%100
91	M86	X	-2.8616	-2.8616	0	%100
92	M86	Z	-4.9564	-4.9564	0	%100
93	M87A	X	-.000106	-.000106	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
94	M87A	Z	-.000184	-.000184	0	%100
95	OVP	X	-4.0209	-4.0209	0	%100
96	OVP	Z	-6.9645	-6.9645	0	%100
97	M86A	X	-3.6686	-3.6686	0	%100
98	M86A	Z	-6.3541	-6.3541	0	%100
99	M87B	X	-3.6667	-3.6667	0	%100
100	M87B	Z	-6.3509	-6.3509	0	%100
101	M88A	X	-1.9598	-1.9598	0	%100
102	M88A	Z	-3.3945	-3.3945	0	%100
103	M89	X	-7.0036	-7.0036	0	%100
104	M89	Z	-12.1305	-12.1305	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	-2.1522	-2.1522	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	-2.1509	-2.1509	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-2.7858	-2.7858	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	-2.8133	-2.8133	0	%100
11	M26	X	0	0	0	%100
12	M26	Z	-2.8274	-2.8274	0	%100
13	M27	X	0	0	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	0	0	0	%100
16	M28	Z	-.6478	-.6478	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	-.6454	-.6454	0	%100
19	M118	X	0	0	0	%100
20	M118	Z	-2.5849	-2.5849	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	-4.3463	-4.3463	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	-1.0866	-1.0866	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	-1.0866	-1.0866	0	%100
27	M21	X	0	0	0	%100
28	M21	Z	-1.8259	-1.8259	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	-1.8192	-1.8192	0	%100
31	M23	X	0	0	0	%100
32	M23	Z	-7.2858	-7.2858	0	%100
33	M24	X	0	0	0	%100
34	M24	Z	-.665	-.665	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	-.6626	-.6626	0	%100
37	M26A	X	0	0	0	%100
38	M26A	Z	-2.6536	-2.6536	0	%100
39	M27A	X	0	0	0	%100
40	M27A	Z	-1.8259	-1.8259	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	-1.8192	-1.8192	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
43	M29A	X	0	0	0	%100
44	M29A	Z	-7.2858	-7.2858	0	%100
45	M30A	X	0	0	0	%100
46	M30A	Z	-.6478	-.6478	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	-.6454	-.6454	0	%100
49	M32	X	0	0	0	%100
50	M32	Z	-2.5849	-2.5849	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-2.7858	-2.7858	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	-2.7858	-2.7858	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	-2.7858	-2.7858	0	%100
57	M39	X	0	0	0	%100
58	M39	Z	-2.7858	-2.7858	0	%100
59	M44	X	0	0	0	%100
60	M44	Z	-.699	-.699	0	%100
61	M49	X	0	0	0	%100
62	M49	Z	-.6939	-.6939	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	-.7646	-.7646	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	-3.0582	-3.0582	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-.7646	-.7646	0	%100
69	M63	X	0	0	0	%100
70	M63	Z	-2.3871	-2.3871	0	%100
71	M64	X	0	0	0	%100
72	M64	Z	-2.3867	-2.3867	0	%100
73	MP1C	X	0	0	0	%100
74	MP1C	Z	-2.7858	-2.7858	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-2.7858	-2.7858	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	-2.7858	-2.7858	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	-2.7858	-2.7858	0	%100
81	MP1B	X	0	0	0	%100
82	MP1B	Z	-2.7858	-2.7858	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	-2.7858	-2.7858	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	-2.7858	-2.7858	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-2.7858	-2.7858	0	%100
89	M85A	X	0	0	0	%100
90	M85A	Z	-.5238	-.5238	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	-2.1342	-2.1342	0	%100
93	M87A	X	0	0	0	%100
94	M87A	Z	-.5434	-.5434	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	-2.553	-2.553	0	%100
97	M86A	X	0	0	0	%100
98	M86A	Z	-3.2444	-3.2444	0	%100
99	M87B	X	0	0	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
100	M87B	Z	-.7122	-.7122	0	%100
101	M88A	X	0	0	0	%100
102	M88A	Z	-.7111	-.7111	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	-3.2419	-3.2419	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	.3586	.3586	0	%100
2	M1	Z	-.6212	-.6212	0	%100
3	M17A	X	.3587	.3587	0	%100
4	M17A	Z	-.6213	-.6213	0	%100
5	M47	X	1.4339	1.4339	0	%100
6	M47	Z	-2.4836	-2.4836	0	%100
7	MP1A	X	1.3929	1.3929	0	%100
8	MP1A	Z	-2.4126	-2.4126	0	%100
9	M6	X	.4665	.4665	0	%100
10	M6	Z	-.8081	-.8081	0	%100
11	M26	X	1.8802	1.8802	0	%100
12	M26	Z	-3.2567	-3.2567	0	%100
13	M27	X	.4699	.4699	0	%100
14	M27	Z	-.8138	-.8138	0	%100
15	M28	X	.9701	.9701	0	%100
16	M28	Z	-1.6803	-1.6803	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	.9682	.9682	0	%100
20	M118	Z	-1.6769	-1.6769	0	%100
21	M6A	X	1.6299	1.6299	0	%100
22	M6A	Z	-2.823	-2.823	0	%100
23	M29	X	1.6299	1.6299	0	%100
24	M29	Z	-2.823	-2.823	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	2.7344	2.7344	0	%100
28	M21	Z	-4.7361	-4.7361	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	-1e-6	-1e-6	0	%100
31	M23	X	2.7289	2.7289	0	%100
32	M23	Z	-4.7265	-4.7265	0	%100
33	M24	X	.9959	.9959	0	%100
34	M24	Z	-1.7249	-1.7249	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	.9939	.9939	0	%100
38	M26A	Z	-1.7215	-1.7215	0	%100
39	M27A	X	2.7344	2.7344	0	%100
40	M27A	Z	-4.7361	-4.7361	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	-1e-6	-1e-6	0	%100
43	M29A	X	2.7289	2.7289	0	%100
44	M29A	Z	-4.7265	-4.7265	0	%100
45	M30A	X	.9701	.9701	0	%100
46	M30A	Z	-1.6803	-1.6803	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	0	0	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
49	M32	X	.9682	.9682	0	%100
50	M32	Z	-1.6769	-1.6769	0	%100
51	MP2A	X	1.3929	1.3929	0	%100
52	MP2A	Z	-2.4126	-2.4126	0	%100
53	MP3A	X	1.3929	1.3929	0	%100
54	MP3A	Z	-2.4126	-2.4126	0	%100
55	MP4A	X	1.3929	1.3929	0	%100
56	MP4A	Z	-2.4126	-2.4126	0	%100
57	M39	X	1.0434	1.0434	0	%100
58	M39	Z	-1.8072	-1.8072	0	%100
59	M44	X	1.0459	1.0459	0	%100
60	M44	Z	-1.8116	-1.8116	0	%100
61	M49	X	2e-6	2e-6	0	%100
62	M49	Z	-3e-6	-3e-6	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	1.1468	1.1468	0	%100
66	M61A	Z	-1.9864	-1.9864	0	%100
67	M62	X	1.1468	1.1468	0	%100
68	M62	Z	-1.9864	-1.9864	0	%100
69	M63	X	.4919	.4919	0	%100
70	M63	Z	-.852	-.852	0	%100
71	M64	X	1.7575	1.7575	0	%100
72	M64	Z	-3.044	-3.044	0	%100
73	MP1C	X	1.3929	1.3929	0	%100
74	MP1C	Z	-2.4126	-2.4126	0	%100
75	MP2C	X	1.3929	1.3929	0	%100
76	MP2C	Z	-2.4126	-2.4126	0	%100
77	MP3C	X	1.3929	1.3929	0	%100
78	MP3C	Z	-2.4126	-2.4126	0	%100
79	MP4C	X	1.3929	1.3929	0	%100
80	MP4C	Z	-2.4126	-2.4126	0	%100
81	MP1B	X	1.3929	1.3929	0	%100
82	MP1B	Z	-2.4126	-2.4126	0	%100
83	MP2B	X	1.3929	1.3929	0	%100
84	MP2B	Z	-2.4126	-2.4126	0	%100
85	MP3B	X	1.3929	1.3929	0	%100
86	MP3B	Z	-2.4126	-2.4126	0	%100
87	MP4B	X	1.3929	1.3929	0	%100
88	MP4B	Z	-2.4126	-2.4126	0	%100
89	M85A	X	3e-5	3e-5	0	%100
90	M85A	Z	-5.2e-5	-5.2e-5	0	%100
91	M86	X	.7954	.7954	0	%100
92	M86	Z	-1.3777	-1.3777	0	%100
93	M87A	X	.8052	.8052	0	%100
94	M87A	Z	-1.3947	-1.3947	0	%100
95	OVP	X	1.2765	1.2765	0	%100
96	OVP	Z	-2.2109	-2.2109	0	%100
97	M86A	X	1.7586	1.7586	0	%100
98	M86A	Z	-3.046	-3.046	0	%100
99	M87B	X	.4929	.4929	0	%100
100	M87B	Z	-.8536	-.8536	0	%100
101	M88A	X	.9208	.9208	0	%100
102	M88A	Z	-1.5948	-1.5948	0	%100
103	M89	X	.9203	.9203	0	%100
104	M89	Z	-1.594	-1.594	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	1.8635	1.8635	0	%100
2	M1	Z	-1.0759	-1.0759	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	1.8627	1.8627	0	%100
6	M47	Z	-1.0754	-1.0754	0	%100
7	MP1A	X	2.4126	2.4126	0	%100
8	MP1A	Z	-1.3929	-1.3929	0	%100
9	M6	X	1.5e-5	1.5e-5	0	%100
10	M6	Z	-9e-6	-9e-6	0	%100
11	M26	X	2.4364	2.4364	0	%100
12	M26	Z	-1.4067	-1.4067	0	%100
13	M27	X	2.4415	2.4415	0	%100
14	M27	Z	-1.4096	-1.4096	0	%100
15	M28	X	2.2386	2.2386	0	%100
16	M28	Z	-1.2925	-1.2925	0	%100
17	M58	X	.5603	.5603	0	%100
18	M58	Z	-.3235	-.3235	0	%100
19	M118	X	.5576	.5576	0	%100
20	M118	Z	-.3219	-.3219	0	%100
21	M6A	X	.941	.941	0	%100
22	M6A	Z	-.5433	-.5433	0	%100
23	M29	X	3.764	3.764	0	%100
24	M29	Z	-2.1732	-2.1732	0	%100
25	M59	X	.941	.941	0	%100
26	M59	Z	-.5433	-.5433	0	%100
27	M21	X	6.3097	6.3097	0	%100
28	M21	Z	-3.6429	-3.6429	0	%100
29	M22	X	1.5793	1.5793	0	%100
30	M22	Z	-.9118	-.9118	0	%100
31	M23	X	1.5717	1.5717	0	%100
32	M23	Z	-.9074	-.9074	0	%100
33	M24	X	2.2981	2.2981	0	%100
34	M24	Z	-1.3268	-1.3268	0	%100
35	M25	X	.5752	.5752	0	%100
36	M25	Z	-.3321	-.3321	0	%100
37	M26A	X	.5724	.5724	0	%100
38	M26A	Z	-.3305	-.3305	0	%100
39	M27A	X	6.3097	6.3097	0	%100
40	M27A	Z	-3.6429	-3.6429	0	%100
41	M28A	X	1.5793	1.5793	0	%100
42	M28A	Z	-.9118	-.9118	0	%100
43	M29A	X	1.5717	1.5717	0	%100
44	M29A	Z	-.9074	-.9074	0	%100
45	M30A	X	2.2386	2.2386	0	%100
46	M30A	Z	-1.2925	-1.2925	0	%100
47	M31A	X	.5603	.5603	0	%100
48	M31A	Z	-.3235	-.3235	0	%100
49	M32	X	.5576	.5576	0	%100
50	M32	Z	-.3219	-.3219	0	%100
51	MP2A	X	2.4126	2.4126	0	%100
52	MP2A	Z	-1.3929	-1.3929	0	%100
53	MP3A	X	2.4126	2.4126	0	%100
54	MP3A	Z	-1.3929	-1.3929	0	%100
55	MP4A	X	2.4126	2.4126	0	%100
56	MP4A	Z	-1.3929	-1.3929	0	%100
57	M39	X	.6009	.6009	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
58	M39	Z	-.347	-.347	0	%100
59	M44	X	2.4126	2.4126	0	%100
60	M44	Z	-1.3929	-1.3929	0	%100
61	M49	X	.6053	.6053	0	%100
62	M49	Z	-.3495	-.3495	0	%100
63	M60A	X	.6621	.6621	0	%100
64	M60A	Z	-.3823	-.3823	0	%100
65	M61A	X	.6621	.6621	0	%100
66	M61A	Z	-.3823	-.3823	0	%100
67	M62	X	2.6485	2.6485	0	%100
68	M62	Z	-1.5291	-1.5291	0	%100
69	M63	X	.6156	.6156	0	%100
70	M63	Z	-.3554	-.3554	0	%100
71	M64	X	2.8076	2.8076	0	%100
72	M64	Z	-1.6209	-1.6209	0	%100
73	MP1C	X	2.4126	2.4126	0	%100
74	MP1C	Z	-1.3929	-1.3929	0	%100
75	MP2C	X	2.4126	2.4126	0	%100
76	MP2C	Z	-1.3929	-1.3929	0	%100
77	MP3C	X	2.4126	2.4126	0	%100
78	MP3C	Z	-1.3929	-1.3929	0	%100
79	MP4C	X	2.4126	2.4126	0	%100
80	MP4C	Z	-1.3929	-1.3929	0	%100
81	MP1B	X	2.4126	2.4126	0	%100
82	MP1B	Z	-1.3929	-1.3929	0	%100
83	MP2B	X	2.4126	2.4126	0	%100
84	MP2B	Z	-1.3929	-1.3929	0	%100
85	MP3B	X	2.4126	2.4126	0	%100
86	MP3B	Z	-1.3929	-1.3929	0	%100
87	MP4B	X	2.4126	2.4126	0	%100
88	MP4B	Z	-1.3929	-1.3929	0	%100
89	M85A	X	.4706	.4706	0	%100
90	M85A	Z	-.2717	-.2717	0	%100
91	M86	X	.4536	.4536	0	%100
92	M86	Z	-.2619	-.2619	0	%100
93	M87A	X	1.8482	1.8482	0	%100
94	M87A	Z	-1.0671	-1.0671	0	%100
95	OVP	X	2.2109	2.2109	0	%100
96	OVP	Z	-1.2765	-1.2765	0	%100
97	M86A	X	2.0671	2.0671	0	%100
98	M86A	Z	-1.1935	-1.1935	0	%100
99	M87B	X	2.0674	2.0674	0	%100
100	M87B	Z	-1.1936	-1.1936	0	%100
101	M88A	X	2.8098	2.8098	0	%100
102	M88A	Z	-1.6223	-1.6223	0	%100
103	M89	X	.617	.617	0	%100
104	M89	Z	-.3562	-.3562	0	%100

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	2.869	2.869	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	.7174	.7174	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	.717	.717	0	%100
6	M47	Z	0	0	0	%100

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
7	MP1A	X	2.7858	2.7858	0	%100
8	MP1A	Z	0	0	0	%100
9	M6	X	.9472	.9472	0	%100
10	M6	Z	0	0	0	%100
11	M26	X	.9331	.9331	0	%100
12	M26	Z	0	0	0	%100
13	M27	X	3.7589	3.7589	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	1.9371	1.9371	0	%100
16	M28	Z	0	0	0	%100
17	M58	X	1.9395	1.9395	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	3e-6	3e-6	0	%100
20	M118	Z	0	0	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	0	0	0	%100
23	M29	X	3.2598	3.2598	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	3.2598	3.2598	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	5.4599	5.4599	0	%100
28	M21	Z	0	0	0	%100
29	M22	X	5.4666	5.4666	0	%100
30	M22	Z	0	0	0	%100
31	M23	X	8e-6	8e-6	0	%100
32	M23	Z	0	0	0	%100
33	M24	X	1.9886	1.9886	0	%100
34	M24	Z	0	0	0	%100
35	M25	X	1.991	1.991	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	3e-6	3e-6	0	%100
38	M26A	Z	0	0	0	%100
39	M27A	X	5.4599	5.4599	0	%100
40	M27A	Z	0	0	0	%100
41	M28A	X	5.4666	5.4666	0	%100
42	M28A	Z	0	0	0	%100
43	M29A	X	8e-6	8e-6	0	%100
44	M29A	Z	0	0	0	%100
45	M30A	X	1.9371	1.9371	0	%100
46	M30A	Z	0	0	0	%100
47	M31A	X	1.9395	1.9395	0	%100
48	M31A	Z	0	0	0	%100
49	M32	X	3e-6	3e-6	0	%100
50	M32	Z	0	0	0	%100
51	MP2A	X	2.7858	2.7858	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	2.7858	2.7858	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	2.7858	2.7858	0	%100
56	MP4A	Z	0	0	0	%100
57	M39	X	3e-6	3e-6	0	%100
58	M39	Z	0	0	0	%100
59	M44	X	2.0868	2.0868	0	%100
60	M44	Z	0	0	0	%100
61	M49	X	2.0919	2.0919	0	%100
62	M49	Z	0	0	0	%100
63	M60A	X	2.2937	2.2937	0	%100

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
64	M60A	Z	0	0	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	0	0	0	%100
67	M62	X	2.2937	2.2937	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	1.8411	1.8411	0	%100
70	M63	Z	0	0	0	%100
71	M64	X	1.8407	1.8407	0	%100
72	M64	Z	0	0	0	%100
73	MP1C	X	2.7858	2.7858	0	%100
74	MP1C	Z	0	0	0	%100
75	MP2C	X	2.7858	2.7858	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3C	X	2.7858	2.7858	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	2.7858	2.7858	0	%100
80	MP4C	Z	0	0	0	%100
81	MP1B	X	2.7858	2.7858	0	%100
82	MP1B	Z	0	0	0	%100
83	MP2B	X	2.7858	2.7858	0	%100
84	MP2B	Z	0	0	0	%100
85	MP3B	X	2.7858	2.7858	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	2.7858	2.7858	0	%100
88	MP4B	Z	0	0	0	%100
89	M85A	X	1.6104	1.6104	0	%100
90	M85A	Z	0	0	0	%100
91	M86	X	6e-5	6e-5	0	%100
92	M86	Z	0	0	0	%100
93	M87A	X	1.5909	1.5909	0	%100
94	M87A	Z	0	0	0	%100
95	OVP	X	2.553	2.553	0	%100
96	OVP	Z	0	0	0	%100
97	M86A	X	.9838	.9838	0	%100
98	M86A	Z	0	0	0	%100
99	M87B	X	3.5152	3.5152	0	%100
100	M87B	Z	0	0	0	%100
101	M88A	X	3.517	3.517	0	%100
102	M88A	Z	0	0	0	%100
103	M89	X	.9856	.9856	0	%100
104	M89	Z	0	0	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	1.8635	1.8635	0	%100
2	M1	Z	1.0759	1.0759	0	%100
3	M17A	X	1.8639	1.8639	0	%100
4	M17A	Z	1.0761	1.0761	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	2.4126	2.4126	0	%100
8	MP1A	Z	1.3929	1.3929	0	%100
9	M6	X	2.4486	2.4486	0	%100
10	M6	Z	1.4137	1.4137	0	%100
11	M26	X	1.5e-5	1.5e-5	0	%100
12	M26	Z	9e-6	9e-6	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
13	M27	X	2.4415	2.4415	0	%100
14	M27	Z	1.4096	1.4096	0	%100
15	M28	X	.5583	.5583	0	%100
16	M28	Z	.3223	.3223	0	%100
17	M58	X	2.2386	2.2386	0	%100
18	M58	Z	1.2925	1.2925	0	%100
19	M118	X	.5617	.5617	0	%100
20	M118	Z	.3243	.3243	0	%100
21	M6A	X	.941	.941	0	%100
22	M6A	Z	.5433	.5433	0	%100
23	M29	X	.941	.941	0	%100
24	M29	Z	.5433	.5433	0	%100
25	M59	X	3.764	3.764	0	%100
26	M59	Z	2.1732	2.1732	0	%100
27	M21	X	1.5736	1.5736	0	%100
28	M21	Z	.9085	.9085	0	%100
29	M22	X	6.3097	6.3097	0	%100
30	M22	Z	3.6429	3.6429	0	%100
31	M23	X	1.5831	1.5831	0	%100
32	M23	Z	.914	.914	0	%100
33	M24	X	.5731	.5731	0	%100
34	M24	Z	.3309	.3309	0	%100
35	M25	X	2.2981	2.2981	0	%100
36	M25	Z	1.3268	1.3268	0	%100
37	M26A	X	.5766	.5766	0	%100
38	M26A	Z	.3329	.3329	0	%100
39	M27A	X	1.5736	1.5736	0	%100
40	M27A	Z	.9085	.9085	0	%100
41	M28A	X	6.3097	6.3097	0	%100
42	M28A	Z	3.6429	3.6429	0	%100
43	M29A	X	1.5831	1.5831	0	%100
44	M29A	Z	.914	.914	0	%100
45	M30A	X	.5583	.5583	0	%100
46	M30A	Z	.3223	.3223	0	%100
47	M31A	X	2.2386	2.2386	0	%100
48	M31A	Z	1.2925	1.2925	0	%100
49	M32	X	.5617	.5617	0	%100
50	M32	Z	.3243	.3243	0	%100
51	MP2A	X	2.4126	2.4126	0	%100
52	MP2A	Z	1.3929	1.3929	0	%100
53	MP3A	X	2.4126	2.4126	0	%100
54	MP3A	Z	1.3929	1.3929	0	%100
55	MP4A	X	2.4126	2.4126	0	%100
56	MP4A	Z	1.3929	1.3929	0	%100
57	M39	X	.6053	.6053	0	%100
58	M39	Z	.3495	.3495	0	%100
59	M44	X	.6009	.6009	0	%100
60	M44	Z	.347	.347	0	%100
61	M49	X	2.4126	2.4126	0	%100
62	M49	Z	1.3929	1.3929	0	%100
63	M60A	X	2.6485	2.6485	0	%100
64	M60A	Z	1.5291	1.5291	0	%100
65	M61A	X	.6621	.6621	0	%100
66	M61A	Z	.3823	.3823	0	%100
67	M62	X	.6621	.6621	0	%100
68	M62	Z	.3823	.3823	0	%100
69	M63	X	2.8097	2.8097	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
70	M63	Z	1.6222	1.6222	0	%100
71	M64	X	.6171	.6171	0	%100
72	M64	Z	.3563	.3563	0	%100
73	MP1C	X	2.4126	2.4126	0	%100
74	MP1C	Z	1.3929	1.3929	0	%100
75	MP2C	X	2.4126	2.4126	0	%100
76	MP2C	Z	1.3929	1.3929	0	%100
77	MP3C	X	2.4126	2.4126	0	%100
78	MP3C	Z	1.3929	1.3929	0	%100
79	MP4C	X	2.4126	2.4126	0	%100
80	MP4C	Z	1.3929	1.3929	0	%100
81	MP1B	X	2.4126	2.4126	0	%100
82	MP1B	Z	1.3929	1.3929	0	%100
83	MP2B	X	2.4126	2.4126	0	%100
84	MP2B	Z	1.3929	1.3929	0	%100
85	MP3B	X	2.4126	2.4126	0	%100
86	MP3B	Z	1.3929	1.3929	0	%100
87	MP4B	X	2.4126	2.4126	0	%100
88	MP4B	Z	1.3929	1.3929	0	%100
89	M85A	X	1.8482	1.8482	0	%100
90	M85A	Z	1.0671	1.0671	0	%100
91	M86	X	.4706	.4706	0	%100
92	M86	Z	.2717	.2717	0	%100
93	M87A	X	.4536	.4536	0	%100
94	M87A	Z	.2619	.2619	0	%100
95	OVP	X	2.2109	2.2109	0	%100
96	OVP	Z	1.2765	1.2765	0	%100
97	M86A	X	.6157	.6157	0	%100
98	M86A	Z	.3555	.3555	0	%100
99	M87B	X	2.8075	2.8075	0	%100
100	M87B	Z	1.6209	1.6209	0	%100
101	M88A	X	2.0669	2.0669	0	%100
102	M88A	Z	1.1933	1.1933	0	%100
103	M89	X	2.0671	2.0671	0	%100
104	M89	Z	1.1934	1.1934	0	%100

Member Distributed Loads (BLC 58 : Structure Wi (150 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	.3586	.3586	0	%100
2	M1	Z	.6212	.6212	0	%100
3	M17A	X	1.4348	1.4348	0	%100
4	M17A	Z	2.4852	2.4852	0	%100
5	M47	X	.3585	.3585	0	%100
6	M47	Z	.6209	.6209	0	%100
7	MP1A	X	1.3929	1.3929	0	%100
8	MP1A	Z	2.4126	2.4126	0	%100
9	M6	X	1.8802	1.8802	0	%100
10	M6	Z	3.2567	3.2567	0	%100
11	M26	X	.4736	.4736	0	%100
12	M26	Z	.8203	.8203	0	%100
13	M27	X	.4699	.4699	0	%100
14	M27	Z	.8138	.8138	0	%100
15	M28	X	1e-6	1e-6	0	%100
16	M28	Z	1e-6	1e-6	0	%100
17	M58	X	.9689	.9689	0	%100
18	M58	Z	1.6783	1.6783	0	%100

Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
19	M118	X	.9705	.9705	0	%100
20	M118	Z	1.681	1.681	0	%100
21	M6A	X	1.6299	1.6299	0	%100
22	M6A	Z	2.823	2.823	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	1.6299	1.6299	0	%100
26	M59	Z	2.823	2.823	0	%100
27	M21	X	2e-6	2e-6	0	%100
28	M21	Z	3e-6	3e-6	0	%100
29	M22	X	2.7311	2.7311	0	%100
30	M22	Z	4.7304	4.7304	0	%100
31	M23	X	2.7355	2.7355	0	%100
32	M23	Z	4.738	4.738	0	%100
33	M24	X	1e-6	1e-6	0	%100
34	M24	Z	1e-6	1e-6	0	%100
35	M25	X	.9947	.9947	0	%100
36	M25	Z	1.7228	1.7228	0	%100
37	M26A	X	.9963	.9963	0	%100
38	M26A	Z	1.7256	1.7256	0	%100
39	M27A	X	2e-6	2e-6	0	%100
40	M27A	Z	3e-6	3e-6	0	%100
41	M28A	X	2.7311	2.7311	0	%100
42	M28A	Z	4.7304	4.7304	0	%100
43	M29A	X	2.7355	2.7355	0	%100
44	M29A	Z	4.738	4.738	0	%100
45	M30A	X	1e-6	1e-6	0	%100
46	M30A	Z	1e-6	1e-6	0	%100
47	M31A	X	.9689	.9689	0	%100
48	M31A	Z	1.6783	1.6783	0	%100
49	M32	X	.9705	.9705	0	%100
50	M32	Z	1.681	1.681	0	%100
51	MP2A	X	1.3929	1.3929	0	%100
52	MP2A	Z	2.4126	2.4126	0	%100
53	MP3A	X	1.3929	1.3929	0	%100
54	MP3A	Z	2.4126	2.4126	0	%100
55	MP4A	X	1.3929	1.3929	0	%100
56	MP4A	Z	2.4126	2.4126	0	%100
57	M39	X	1.0459	1.0459	0	%100
58	M39	Z	1.8116	1.8116	0	%100
59	M44	X	2e-6	2e-6	0	%100
60	M44	Z	3e-6	3e-6	0	%100
61	M49	X	1.0434	1.0434	0	%100
62	M49	Z	1.8072	1.8072	0	%100
63	M60A	X	1.1468	1.1468	0	%100
64	M60A	Z	1.9864	1.9864	0	%100
65	M61A	X	1.1468	1.1468	0	%100
66	M61A	Z	1.9864	1.9864	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	1.7587	1.7587	0	%100
70	M63	Z	3.0461	3.0461	0	%100
71	M64	X	.4928	.4928	0	%100
72	M64	Z	.8535	.8535	0	%100
73	MP1C	X	1.3929	1.3929	0	%100
74	MP1C	Z	2.4126	2.4126	0	%100
75	MP2C	X	1.3929	1.3929	0	%100

Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
76	MP2C	Z	2.4126	2.4126	0	%100
77	MP3C	X	1.3929	1.3929	0	%100
78	MP3C	Z	2.4126	2.4126	0	%100
79	MP4C	X	1.3929	1.3929	0	%100
80	MP4C	Z	2.4126	2.4126	0	%100
81	MP1B	X	1.3929	1.3929	0	%100
82	MP1B	Z	2.4126	2.4126	0	%100
83	MP2B	X	1.3929	1.3929	0	%100
84	MP2B	Z	2.4126	2.4126	0	%100
85	MP3B	X	1.3929	1.3929	0	%100
86	MP3B	Z	2.4126	2.4126	0	%100
87	MP4B	X	1.3929	1.3929	0	%100
88	MP4B	Z	2.4126	2.4126	0	%100
89	M85A	X	.7954	.7954	0	%100
90	M85A	Z	1.3777	1.3777	0	%100
91	M86	X	.8052	.8052	0	%100
92	M86	Z	1.3947	1.3947	0	%100
93	M87A	X	3e-5	3e-5	0	%100
94	M87A	Z	5.2e-5	5.2e-5	0	%100
95	OVP	X	1.2765	1.2765	0	%100
96	OVP	Z	2.2109	2.2109	0	%100
97	M86A	X	.9206	.9206	0	%100
98	M86A	Z	1.5946	1.5946	0	%100
99	M87B	X	.9201	.9201	0	%100
100	M87B	Z	1.5937	1.5937	0	%100
101	M88A	X	.4918	.4918	0	%100
102	M88A	Z	.8519	.8519	0	%100
103	M89	X	1.7575	1.7575	0	%100
104	M89	Z	3.0441	3.0441	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	2.1522	2.1522	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	2.1509	2.1509	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	2.7858	2.7858	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	2.8133	2.8133	0	%100
11	M26	X	0	0	0	%100
12	M26	Z	2.8274	2.8274	0	%100
13	M27	X	0	0	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	0	0	0	%100
16	M28	Z	.6478	.6478	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	.6454	.6454	0	%100
19	M118	X	0	0	0	%100
20	M118	Z	2.5849	2.5849	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	4.3463	4.3463	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	1.0866	1.0866	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
25	M59	X	0	0	0	%100
26	M59	Z	1.0866	1.0866	0	%100
27	M21	X	0	0	0	%100
28	M21	Z	1.8259	1.8259	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	1.8192	1.8192	0	%100
31	M23	X	0	0	0	%100
32	M23	Z	7.2858	7.2858	0	%100
33	M24	X	0	0	0	%100
34	M24	Z	.665	.665	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	.6626	.6626	0	%100
37	M26A	X	0	0	0	%100
38	M26A	Z	2.6536	2.6536	0	%100
39	M27A	X	0	0	0	%100
40	M27A	Z	1.8259	1.8259	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	1.8192	1.8192	0	%100
43	M29A	X	0	0	0	%100
44	M29A	Z	7.2858	7.2858	0	%100
45	M30A	X	0	0	0	%100
46	M30A	Z	.6478	.6478	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	.6454	.6454	0	%100
49	M32	X	0	0	0	%100
50	M32	Z	2.5849	2.5849	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	2.7858	2.7858	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	2.7858	2.7858	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	2.7858	2.7858	0	%100
57	M39	X	0	0	0	%100
58	M39	Z	2.7858	2.7858	0	%100
59	M44	X	0	0	0	%100
60	M44	Z	.699	.699	0	%100
61	M49	X	0	0	0	%100
62	M49	Z	.6939	.6939	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	.7646	.7646	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	3.0582	3.0582	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	.7646	.7646	0	%100
69	M63	X	0	0	0	%100
70	M63	Z	2.3871	2.3871	0	%100
71	M64	X	0	0	0	%100
72	M64	Z	2.3867	2.3867	0	%100
73	MP1C	X	0	0	0	%100
74	MP1C	Z	2.7858	2.7858	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	2.7858	2.7858	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	2.7858	2.7858	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	2.7858	2.7858	0	%100
81	MP1B	X	0	0	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
82	MP1B	Z	2.7858	2.7858	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	2.7858	2.7858	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	2.7858	2.7858	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	2.7858	2.7858	0	%100
89	M85A	X	0	0	0	%100
90	M85A	Z	.5238	.5238	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	2.1342	2.1342	0	%100
93	M87A	X	0	0	0	%100
94	M87A	Z	.5434	.5434	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	2.553	2.553	0	%100
97	M86A	X	0	0	0	%100
98	M86A	Z	3.2444	3.2444	0	%100
99	M87B	X	0	0	0	%100
100	M87B	Z	.7122	.7122	0	%100
101	M88A	X	0	0	0	%100
102	M88A	Z	.7111	.7111	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	3.2419	3.2419	0	%100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-.3586	-.3586	0	%100
2	M1	Z	.6212	.6212	0	%100
3	M17A	X	-.3587	-.3587	0	%100
4	M17A	Z	.6213	.6213	0	%100
5	M47	X	-1.4339	-1.4339	0	%100
6	M47	Z	2.4836	2.4836	0	%100
7	MP1A	X	-1.3929	-1.3929	0	%100
8	MP1A	Z	2.4126	2.4126	0	%100
9	M6	X	-.4665	-.4665	0	%100
10	M6	Z	.8081	.8081	0	%100
11	M26	X	-1.8802	-1.8802	0	%100
12	M26	Z	3.2567	3.2567	0	%100
13	M27	X	-.4699	-.4699	0	%100
14	M27	Z	.8138	.8138	0	%100
15	M28	X	-.9701	-.9701	0	%100
16	M28	Z	1.6803	1.6803	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	-.9682	-.9682	0	%100
20	M118	Z	1.6769	1.6769	0	%100
21	M6A	X	-1.6299	-1.6299	0	%100
22	M6A	Z	2.823	2.823	0	%100
23	M29	X	-1.6299	-1.6299	0	%100
24	M29	Z	2.823	2.823	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	-2.7344	-2.7344	0	%100
28	M21	Z	4.7361	4.7361	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	1e-6	1e-6	0	%100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
31	M23	X	-2.7289	-2.7289	0	%100
32	M23	Z	4.7265	4.7265	0	%100
33	M24	X	-.9959	-.9959	0	%100
34	M24	Z	1.7249	1.7249	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	-.9939	-.9939	0	%100
38	M26A	Z	1.7215	1.7215	0	%100
39	M27A	X	-2.7344	-2.7344	0	%100
40	M27A	Z	4.7361	4.7361	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	1e-6	1e-6	0	%100
43	M29A	X	-2.7289	-2.7289	0	%100
44	M29A	Z	4.7265	4.7265	0	%100
45	M30A	X	-.9701	-.9701	0	%100
46	M30A	Z	1.6803	1.6803	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	0	0	0	%100
49	M32	X	-.9682	-.9682	0	%100
50	M32	Z	1.6769	1.6769	0	%100
51	MP2A	X	-1.3929	-1.3929	0	%100
52	MP2A	Z	2.4126	2.4126	0	%100
53	MP3A	X	-1.3929	-1.3929	0	%100
54	MP3A	Z	2.4126	2.4126	0	%100
55	MP4A	X	-1.3929	-1.3929	0	%100
56	MP4A	Z	2.4126	2.4126	0	%100
57	M39	X	-1.0434	-1.0434	0	%100
58	M39	Z	1.8072	1.8072	0	%100
59	M44	X	-1.0459	-1.0459	0	%100
60	M44	Z	1.8116	1.8116	0	%100
61	M49	X	-2e-6	-2e-6	0	%100
62	M49	Z	3e-6	3e-6	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	-1.1468	-1.1468	0	%100
66	M61A	Z	1.9864	1.9864	0	%100
67	M62	X	-1.1468	-1.1468	0	%100
68	M62	Z	1.9864	1.9864	0	%100
69	M63	X	-.4919	-.4919	0	%100
70	M63	Z	.852	.852	0	%100
71	M64	X	-1.7575	-1.7575	0	%100
72	M64	Z	3.044	3.044	0	%100
73	MP1C	X	-1.3929	-1.3929	0	%100
74	MP1C	Z	2.4126	2.4126	0	%100
75	MP2C	X	-1.3929	-1.3929	0	%100
76	MP2C	Z	2.4126	2.4126	0	%100
77	MP3C	X	-1.3929	-1.3929	0	%100
78	MP3C	Z	2.4126	2.4126	0	%100
79	MP4C	X	-1.3929	-1.3929	0	%100
80	MP4C	Z	2.4126	2.4126	0	%100
81	MP1B	X	-1.3929	-1.3929	0	%100
82	MP1B	Z	2.4126	2.4126	0	%100
83	MP2B	X	-1.3929	-1.3929	0	%100
84	MP2B	Z	2.4126	2.4126	0	%100
85	MP3B	X	-1.3929	-1.3929	0	%100
86	MP3B	Z	2.4126	2.4126	0	%100
87	MP4B	X	-1.3929	-1.3929	0	%100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
88	MP4B	Z	2.4126	2.4126	0	%100
89	M85A	X	-3e-5	-3e-5	0	%100
90	M85A	Z	5.2e-5	5.2e-5	0	%100
91	M86	X	-.7954	-.7954	0	%100
92	M86	Z	1.3777	1.3777	0	%100
93	M87A	X	-.8052	-.8052	0	%100
94	M87A	Z	1.3947	1.3947	0	%100
95	OVP	X	-1.2765	-1.2765	0	%100
96	OVP	Z	2.2109	2.2109	0	%100
97	M86A	X	-1.7586	-1.7586	0	%100
98	M86A	Z	3.046	3.046	0	%100
99	M87B	X	-.4929	-.4929	0	%100
100	M87B	Z	.8536	.8536	0	%100
101	M88A	X	-.9208	-.9208	0	%100
102	M88A	Z	1.5948	1.5948	0	%100
103	M89	X	-.9203	-.9203	0	%100
104	M89	Z	1.594	1.594	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-1.8635	-1.8635	0	%100
2	M1	Z	1.0759	1.0759	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	-1.8627	-1.8627	0	%100
6	M47	Z	1.0754	1.0754	0	%100
7	MP1A	X	-2.4126	-2.4126	0	%100
8	MP1A	Z	1.3929	1.3929	0	%100
9	M6	X	-1.5e-5	-1.5e-5	0	%100
10	M6	Z	9e-6	9e-6	0	%100
11	M26	X	-2.4364	-2.4364	0	%100
12	M26	Z	1.4067	1.4067	0	%100
13	M27	X	-2.4415	-2.4415	0	%100
14	M27	Z	1.4096	1.4096	0	%100
15	M28	X	-2.2386	-2.2386	0	%100
16	M28	Z	1.2925	1.2925	0	%100
17	M58	X	-.5603	-.5603	0	%100
18	M58	Z	.3235	.3235	0	%100
19	M118	X	-.5576	-.5576	0	%100
20	M118	Z	.3219	.3219	0	%100
21	M6A	X	-.941	-.941	0	%100
22	M6A	Z	.5433	.5433	0	%100
23	M29	X	-3.764	-3.764	0	%100
24	M29	Z	2.1732	2.1732	0	%100
25	M59	X	-.941	-.941	0	%100
26	M59	Z	.5433	.5433	0	%100
27	M21	X	-6.3097	-6.3097	0	%100
28	M21	Z	3.6429	3.6429	0	%100
29	M22	X	-1.5793	-1.5793	0	%100
30	M22	Z	.9118	.9118	0	%100
31	M23	X	-1.5717	-1.5717	0	%100
32	M23	Z	.9074	.9074	0	%100
33	M24	X	-2.2981	-2.2981	0	%100
34	M24	Z	1.3268	1.3268	0	%100
35	M25	X	-.5752	-.5752	0	%100
36	M25	Z	.3321	.3321	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
37	M26A	X	-.5724	-.5724	0	%100
38	M26A	Z	.3305	.3305	0	%100
39	M27A	X	-6.3097	-6.3097	0	%100
40	M27A	Z	3.6429	3.6429	0	%100
41	M28A	X	-1.5793	-1.5793	0	%100
42	M28A	Z	.9118	.9118	0	%100
43	M29A	X	-1.5717	-1.5717	0	%100
44	M29A	Z	.9074	.9074	0	%100
45	M30A	X	-2.2386	-2.2386	0	%100
46	M30A	Z	1.2925	1.2925	0	%100
47	M31A	X	-.5603	-.5603	0	%100
48	M31A	Z	.3235	.3235	0	%100
49	M32	X	-.5576	-.5576	0	%100
50	M32	Z	.3219	.3219	0	%100
51	MP2A	X	-2.4126	-2.4126	0	%100
52	MP2A	Z	1.3929	1.3929	0	%100
53	MP3A	X	-2.4126	-2.4126	0	%100
54	MP3A	Z	1.3929	1.3929	0	%100
55	MP4A	X	-2.4126	-2.4126	0	%100
56	MP4A	Z	1.3929	1.3929	0	%100
57	M39	X	-.6009	-.6009	0	%100
58	M39	Z	.347	.347	0	%100
59	M44	X	-2.4126	-2.4126	0	%100
60	M44	Z	1.3929	1.3929	0	%100
61	M49	X	-.6053	-.6053	0	%100
62	M49	Z	.3495	.3495	0	%100
63	M60A	X	-.6621	-.6621	0	%100
64	M60A	Z	.3823	.3823	0	%100
65	M61A	X	-.6621	-.6621	0	%100
66	M61A	Z	.3823	.3823	0	%100
67	M62	X	-2.6485	-2.6485	0	%100
68	M62	Z	1.5291	1.5291	0	%100
69	M63	X	-.6156	-.6156	0	%100
70	M63	Z	.3554	.3554	0	%100
71	M64	X	-2.8076	-2.8076	0	%100
72	M64	Z	1.6209	1.6209	0	%100
73	MP1C	X	-2.4126	-2.4126	0	%100
74	MP1C	Z	1.3929	1.3929	0	%100
75	MP2C	X	-2.4126	-2.4126	0	%100
76	MP2C	Z	1.3929	1.3929	0	%100
77	MP3C	X	-2.4126	-2.4126	0	%100
78	MP3C	Z	1.3929	1.3929	0	%100
79	MP4C	X	-2.4126	-2.4126	0	%100
80	MP4C	Z	1.3929	1.3929	0	%100
81	MP1B	X	-2.4126	-2.4126	0	%100
82	MP1B	Z	1.3929	1.3929	0	%100
83	MP2B	X	-2.4126	-2.4126	0	%100
84	MP2B	Z	1.3929	1.3929	0	%100
85	MP3B	X	-2.4126	-2.4126	0	%100
86	MP3B	Z	1.3929	1.3929	0	%100
87	MP4B	X	-2.4126	-2.4126	0	%100
88	MP4B	Z	1.3929	1.3929	0	%100
89	M85A	X	-.4706	-.4706	0	%100
90	M85A	Z	.2717	.2717	0	%100
91	M86	X	-.4536	-.4536	0	%100
92	M86	Z	.2619	.2619	0	%100
93	M87A	X	-1.8482	-1.8482	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
94	M87A	Z	1.0671	1.0671	0	%100
95	OVP	X	-2.2109	-2.2109	0	%100
96	OVP	Z	1.2765	1.2765	0	%100
97	M86A	X	-2.0671	-2.0671	0	%100
98	M86A	Z	1.1935	1.1935	0	%100
99	M87B	X	-2.0674	-2.0674	0	%100
100	M87B	Z	1.1936	1.1936	0	%100
101	M88A	X	-2.8098	-2.8098	0	%100
102	M88A	Z	1.6223	1.6223	0	%100
103	M89	X	-.617	-.617	0	%100
104	M89	Z	.3562	.3562	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-2.869	-2.869	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	-.7174	-.7174	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	-.717	-.717	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	-2.7858	-2.7858	0	%100
8	MP1A	Z	0	0	0	%100
9	M6	X	-.9472	-.9472	0	%100
10	M6	Z	0	0	0	%100
11	M26	X	-.9331	-.9331	0	%100
12	M26	Z	0	0	0	%100
13	M27	X	-3.7589	-3.7589	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	-1.9371	-1.9371	0	%100
16	M28	Z	0	0	0	%100
17	M58	X	-1.9395	-1.9395	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	-3e-6	-3e-6	0	%100
20	M118	Z	0	0	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	0	0	0	%100
23	M29	X	-3.2598	-3.2598	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	-3.2598	-3.2598	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	-5.4599	-5.4599	0	%100
28	M21	Z	0	0	0	%100
29	M22	X	-5.4666	-5.4666	0	%100
30	M22	Z	0	0	0	%100
31	M23	X	-8e-6	-8e-6	0	%100
32	M23	Z	0	0	0	%100
33	M24	X	-1.9886	-1.9886	0	%100
34	M24	Z	0	0	0	%100
35	M25	X	-1.991	-1.991	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	-3e-6	-3e-6	0	%100
38	M26A	Z	0	0	0	%100
39	M27A	X	-5.4599	-5.4599	0	%100
40	M27A	Z	0	0	0	%100
41	M28A	X	-5.4666	-5.4666	0	%100
42	M28A	Z	0	0	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
43	M29A	X	-8e-6	-8e-6	0	%100
44	M29A	Z	0	0	0	%100
45	M30A	X	-1.9371	-1.9371	0	%100
46	M30A	Z	0	0	0	%100
47	M31A	X	-1.9395	-1.9395	0	%100
48	M31A	Z	0	0	0	%100
49	M32	X	-3e-6	-3e-6	0	%100
50	M32	Z	0	0	0	%100
51	MP2A	X	-2.7858	-2.7858	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	-2.7858	-2.7858	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	-2.7858	-2.7858	0	%100
56	MP4A	Z	0	0	0	%100
57	M39	X	-3e-6	-3e-6	0	%100
58	M39	Z	0	0	0	%100
59	M44	X	-2.0868	-2.0868	0	%100
60	M44	Z	0	0	0	%100
61	M49	X	-2.0919	-2.0919	0	%100
62	M49	Z	0	0	0	%100
63	M60A	X	-2.2937	-2.2937	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	0	0	0	%100
67	M62	X	-2.2937	-2.2937	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	-1.8411	-1.8411	0	%100
70	M63	Z	0	0	0	%100
71	M64	X	-1.8407	-1.8407	0	%100
72	M64	Z	0	0	0	%100
73	MP1C	X	-2.7858	-2.7858	0	%100
74	MP1C	Z	0	0	0	%100
75	MP2C	X	-2.7858	-2.7858	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3C	X	-2.7858	-2.7858	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	-2.7858	-2.7858	0	%100
80	MP4C	Z	0	0	0	%100
81	MP1B	X	-2.7858	-2.7858	0	%100
82	MP1B	Z	0	0	0	%100
83	MP2B	X	-2.7858	-2.7858	0	%100
84	MP2B	Z	0	0	0	%100
85	MP3B	X	-2.7858	-2.7858	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	-2.7858	-2.7858	0	%100
88	MP4B	Z	0	0	0	%100
89	M85A	X	-1.6104	-1.6104	0	%100
90	M85A	Z	0	0	0	%100
91	M86	X	-6e-5	-6e-5	0	%100
92	M86	Z	0	0	0	%100
93	M87A	X	-1.5909	-1.5909	0	%100
94	M87A	Z	0	0	0	%100
95	OVP	X	-2.553	-2.553	0	%100
96	OVP	Z	0	0	0	%100
97	M86A	X	-.9838	-.9838	0	%100
98	M86A	Z	0	0	0	%100
99	M87B	X	-3.5152	-3.5152	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
100	M87B	Z	0	0	0	%100
101	M88A	X	-3.517	-3.517	0	%100
102	M88A	Z	0	0	0	%100
103	M89	X	-.9856	-.9856	0	%100
104	M89	Z	0	0	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-1.8635	-1.8635	0	%100
2	M1	Z	-1.0759	-1.0759	0	%100
3	M17A	X	-1.8639	-1.8639	0	%100
4	M17A	Z	-1.0761	-1.0761	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	-2.4126	-2.4126	0	%100
8	MP1A	Z	-1.3929	-1.3929	0	%100
9	M6	X	-2.4486	-2.4486	0	%100
10	M6	Z	-1.4137	-1.4137	0	%100
11	M26	X	-1.5e-5	-1.5e-5	0	%100
12	M26	Z	-9e-6	-9e-6	0	%100
13	M27	X	-2.4415	-2.4415	0	%100
14	M27	Z	-1.4096	-1.4096	0	%100
15	M28	X	-.5583	-.5583	0	%100
16	M28	Z	-.3223	-.3223	0	%100
17	M58	X	-2.2386	-2.2386	0	%100
18	M58	Z	-1.2925	-1.2925	0	%100
19	M118	X	-.5617	-.5617	0	%100
20	M118	Z	-.3243	-.3243	0	%100
21	M6A	X	-.941	-.941	0	%100
22	M6A	Z	-.5433	-.5433	0	%100
23	M29	X	-.941	-.941	0	%100
24	M29	Z	-.5433	-.5433	0	%100
25	M59	X	-3.764	-3.764	0	%100
26	M59	Z	-2.1732	-2.1732	0	%100
27	M21	X	-1.5736	-1.5736	0	%100
28	M21	Z	-.9085	-.9085	0	%100
29	M22	X	-6.3097	-6.3097	0	%100
30	M22	Z	-3.6429	-3.6429	0	%100
31	M23	X	-1.5831	-1.5831	0	%100
32	M23	Z	-.914	-.914	0	%100
33	M24	X	-.5731	-.5731	0	%100
34	M24	Z	-.3309	-.3309	0	%100
35	M25	X	-2.2981	-2.2981	0	%100
36	M25	Z	-1.3268	-1.3268	0	%100
37	M26A	X	-.5766	-.5766	0	%100
38	M26A	Z	-.3329	-.3329	0	%100
39	M27A	X	-1.5736	-1.5736	0	%100
40	M27A	Z	-.9085	-.9085	0	%100
41	M28A	X	-6.3097	-6.3097	0	%100
42	M28A	Z	-3.6429	-3.6429	0	%100
43	M29A	X	-1.5831	-1.5831	0	%100
44	M29A	Z	-.914	-.914	0	%100
45	M30A	X	-.5583	-.5583	0	%100
46	M30A	Z	-.3223	-.3223	0	%100
47	M31A	X	-2.2386	-2.2386	0	%100
48	M31A	Z	-1.2925	-1.2925	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
49	M32	X	-.5617	-.5617	0	%100
50	M32	Z	-.3243	-.3243	0	%100
51	MP2A	X	-2.4126	-2.4126	0	%100
52	MP2A	Z	-1.3929	-1.3929	0	%100
53	MP3A	X	-2.4126	-2.4126	0	%100
54	MP3A	Z	-1.3929	-1.3929	0	%100
55	MP4A	X	-2.4126	-2.4126	0	%100
56	MP4A	Z	-1.3929	-1.3929	0	%100
57	M39	X	-.6053	-.6053	0	%100
58	M39	Z	-.3495	-.3495	0	%100
59	M44	X	-.6009	-.6009	0	%100
60	M44	Z	-.347	-.347	0	%100
61	M49	X	-2.4126	-2.4126	0	%100
62	M49	Z	-1.3929	-1.3929	0	%100
63	M60A	X	-2.6485	-2.6485	0	%100
64	M60A	Z	-1.5291	-1.5291	0	%100
65	M61A	X	-.6621	-.6621	0	%100
66	M61A	Z	-.3823	-.3823	0	%100
67	M62	X	-.6621	-.6621	0	%100
68	M62	Z	-.3823	-.3823	0	%100
69	M63	X	-2.8097	-2.8097	0	%100
70	M63	Z	-1.6222	-1.6222	0	%100
71	M64	X	-.6171	-.6171	0	%100
72	M64	Z	-.3563	-.3563	0	%100
73	MP1C	X	-2.4126	-2.4126	0	%100
74	MP1C	Z	-1.3929	-1.3929	0	%100
75	MP2C	X	-2.4126	-2.4126	0	%100
76	MP2C	Z	-1.3929	-1.3929	0	%100
77	MP3C	X	-2.4126	-2.4126	0	%100
78	MP3C	Z	-1.3929	-1.3929	0	%100
79	MP4C	X	-2.4126	-2.4126	0	%100
80	MP4C	Z	-1.3929	-1.3929	0	%100
81	MP1B	X	-2.4126	-2.4126	0	%100
82	MP1B	Z	-1.3929	-1.3929	0	%100
83	MP2B	X	-2.4126	-2.4126	0	%100
84	MP2B	Z	-1.3929	-1.3929	0	%100
85	MP3B	X	-2.4126	-2.4126	0	%100
86	MP3B	Z	-1.3929	-1.3929	0	%100
87	MP4B	X	-2.4126	-2.4126	0	%100
88	MP4B	Z	-1.3929	-1.3929	0	%100
89	M85A	X	-1.8482	-1.8482	0	%100
90	M85A	Z	-1.0671	-1.0671	0	%100
91	M86	X	-.4706	-.4706	0	%100
92	M86	Z	-.2717	-.2717	0	%100
93	M87A	X	-.4536	-.4536	0	%100
94	M87A	Z	-.2619	-.2619	0	%100
95	OVP	X	-2.2109	-2.2109	0	%100
96	OVP	Z	-1.2765	-1.2765	0	%100
97	M86A	X	-.6157	-.6157	0	%100
98	M86A	Z	-.3555	-.3555	0	%100
99	M87B	X	-2.8075	-2.8075	0	%100
100	M87B	Z	-1.6209	-1.6209	0	%100
101	M88A	X	-2.0669	-2.0669	0	%100
102	M88A	Z	-1.1933	-1.1933	0	%100
103	M89	X	-2.0671	-2.0671	0	%100
104	M89	Z	-1.1934	-1.1934	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-.3586	-.3586	0	%100
2	M1	Z	-.6212	-.6212	0	%100
3	M17A	X	-1.4348	-1.4348	0	%100
4	M17A	Z	-2.4852	-2.4852	0	%100
5	M47	X	-.3585	-.3585	0	%100
6	M47	Z	-.6209	-.6209	0	%100
7	MP1A	X	-1.3929	-1.3929	0	%100
8	MP1A	Z	-2.4126	-2.4126	0	%100
9	M6	X	-1.8802	-1.8802	0	%100
10	M6	Z	-3.2567	-3.2567	0	%100
11	M26	X	-.4736	-.4736	0	%100
12	M26	Z	-.8203	-.8203	0	%100
13	M27	X	-.4699	-.4699	0	%100
14	M27	Z	-.8138	-.8138	0	%100
15	M28	X	-1e-6	-1e-6	0	%100
16	M28	Z	-1e-6	-1e-6	0	%100
17	M58	X	-.9689	-.9689	0	%100
18	M58	Z	-1.6783	-1.6783	0	%100
19	M118	X	-.9705	-.9705	0	%100
20	M118	Z	-1.681	-1.681	0	%100
21	M6A	X	-1.6299	-1.6299	0	%100
22	M6A	Z	-2.823	-2.823	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	-1.6299	-1.6299	0	%100
26	M59	Z	-2.823	-2.823	0	%100
27	M21	X	-2e-6	-2e-6	0	%100
28	M21	Z	-3e-6	-3e-6	0	%100
29	M22	X	-2.7311	-2.7311	0	%100
30	M22	Z	-4.7304	-4.7304	0	%100
31	M23	X	-2.7355	-2.7355	0	%100
32	M23	Z	-4.738	-4.738	0	%100
33	M24	X	-1e-6	-1e-6	0	%100
34	M24	Z	-1e-6	-1e-6	0	%100
35	M25	X	-.9947	-.9947	0	%100
36	M25	Z	-1.7228	-1.7228	0	%100
37	M26A	X	-.9963	-.9963	0	%100
38	M26A	Z	-1.7256	-1.7256	0	%100
39	M27A	X	-2e-6	-2e-6	0	%100
40	M27A	Z	-3e-6	-3e-6	0	%100
41	M28A	X	-2.7311	-2.7311	0	%100
42	M28A	Z	-4.7304	-4.7304	0	%100
43	M29A	X	-2.7355	-2.7355	0	%100
44	M29A	Z	-4.738	-4.738	0	%100
45	M30A	X	-1e-6	-1e-6	0	%100
46	M30A	Z	-1e-6	-1e-6	0	%100
47	M31A	X	-.9689	-.9689	0	%100
48	M31A	Z	-1.6783	-1.6783	0	%100
49	M32	X	-.9705	-.9705	0	%100
50	M32	Z	-1.681	-1.681	0	%100
51	MP2A	X	-1.3929	-1.3929	0	%100
52	MP2A	Z	-2.4126	-2.4126	0	%100
53	MP3A	X	-1.3929	-1.3929	0	%100
54	MP3A	Z	-2.4126	-2.4126	0	%100
55	MP4A	X	-1.3929	-1.3929	0	%100
56	MP4A	Z	-2.4126	-2.4126	0	%100
57	M39	X	-1.0459	-1.0459	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
58	M39	Z	-1.8116	-1.8116	0	%100
59	M44	X	-2e-6	-2e-6	0	%100
60	M44	Z	-3e-6	-3e-6	0	%100
61	M49	X	-1.0434	-1.0434	0	%100
62	M49	Z	-1.8072	-1.8072	0	%100
63	M60A	X	-1.1468	-1.1468	0	%100
64	M60A	Z	-1.9864	-1.9864	0	%100
65	M61A	X	-1.1468	-1.1468	0	%100
66	M61A	Z	-1.9864	-1.9864	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	-1.7587	-1.7587	0	%100
70	M63	Z	-3.0461	-3.0461	0	%100
71	M64	X	-.4928	-.4928	0	%100
72	M64	Z	-.8535	-.8535	0	%100
73	MP1C	X	-1.3929	-1.3929	0	%100
74	MP1C	Z	-2.4126	-2.4126	0	%100
75	MP2C	X	-1.3929	-1.3929	0	%100
76	MP2C	Z	-2.4126	-2.4126	0	%100
77	MP3C	X	-1.3929	-1.3929	0	%100
78	MP3C	Z	-2.4126	-2.4126	0	%100
79	MP4C	X	-1.3929	-1.3929	0	%100
80	MP4C	Z	-2.4126	-2.4126	0	%100
81	MP1B	X	-1.3929	-1.3929	0	%100
82	MP1B	Z	-2.4126	-2.4126	0	%100
83	MP2B	X	-1.3929	-1.3929	0	%100
84	MP2B	Z	-2.4126	-2.4126	0	%100
85	MP3B	X	-1.3929	-1.3929	0	%100
86	MP3B	Z	-2.4126	-2.4126	0	%100
87	MP4B	X	-1.3929	-1.3929	0	%100
88	MP4B	Z	-2.4126	-2.4126	0	%100
89	M85A	X	-.7954	-.7954	0	%100
90	M85A	Z	-1.3777	-1.3777	0	%100
91	M86	X	-.8052	-.8052	0	%100
92	M86	Z	-1.3947	-1.3947	0	%100
93	M87A	X	-3e-5	-3e-5	0	%100
94	M87A	Z	-5.2e-5	-5.2e-5	0	%100
95	OVP	X	-1.2765	-1.2765	0	%100
96	OVP	Z	-2.2109	-2.2109	0	%100
97	M86A	X	-.9206	-.9206	0	%100
98	M86A	Z	-1.5946	-1.5946	0	%100
99	M87B	X	-.9201	-.9201	0	%100
100	M87B	Z	-1.5937	-1.5937	0	%100
101	M88A	X	-.4918	-.4918	0	%100
102	M88A	Z	-.8519	-.8519	0	%100
103	M89	X	-1.7575	-1.7575	0	%100
104	M89	Z	-3.0441	-3.0441	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	-.4866	-.4866	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	-.4864	-.4864	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.5083	-.5083	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	-.6752	-.6752	0	%100
11	M26	X	0	0	0	%100
12	M26	Z	-.6786	-.6786	0	%100
13	M27	X	0	0	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	0	0	0	%100
16	M28	Z	-.1609	-.1609	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	-.1603	-.1603	0	%100
19	M118	X	0	0	0	%100
20	M118	Z	-.6421	-.6421	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	-1.0701	-1.0701	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	-.2675	-.2675	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	-.2675	-.2675	0	%100
27	M21	X	0	0	0	%100
28	M21	Z	-.5334	-.5334	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	-.5314	-.5314	0	%100
31	M23	X	0	0	0	%100
32	M23	Z	-2.1283	-2.1283	0	%100
33	M24	X	0	0	0	%100
34	M24	Z	-.1639	-.1639	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	-.1633	-.1633	0	%100
37	M26A	X	0	0	0	%100
38	M26A	Z	-.654	-.654	0	%100
39	M27A	X	0	0	0	%100
40	M27A	Z	-.5334	-.5334	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	-.5314	-.5314	0	%100
43	M29A	X	0	0	0	%100
44	M29A	Z	-2.1283	-2.1283	0	%100
45	M30A	X	0	0	0	%100
46	M30A	Z	-.1609	-.1609	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	-.1603	-.1603	0	%100
49	M32	X	0	0	0	%100
50	M32	Z	-.6421	-.6421	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-.5083	-.5083	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	-.5083	-.5083	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	-.5083	-.5083	0	%100
57	M39	X	0	0	0	%100
58	M39	Z	-.5083	-.5083	0	%100
59	M44	X	0	0	0	%100
60	M44	Z	-.1275	-.1275	0	%100
61	M49	X	0	0	0	%100
62	M49	Z	-.1266	-.1266	0	%100
63	M60A	X	0	0	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
64	M60A	Z	-.1877	-.1877	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	-.7509	-.7509	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-.1877	-.1877	0	%100
69	M63	X	0	0	0	%100
70	M63	Z	-.5479	-.5479	0	%100
71	M64	X	0	0	0	%100
72	M64	Z	-.5478	-.5478	0	%100
73	MP1C	X	0	0	0	%100
74	MP1C	Z	-.5083	-.5083	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-.5083	-.5083	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	-.5083	-.5083	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	-.5083	-.5083	0	%100
81	MP1B	X	0	0	0	%100
82	MP1B	Z	-.5083	-.5083	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	-.5083	-.5083	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	-.5083	-.5083	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-.5083	-.5083	0	%100
89	M85A	X	0	0	0	%100
90	M85A	Z	-.1072	-.1072	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	-.4369	-.4369	0	%100
93	M87A	X	0	0	0	%100
94	M87A	Z	-.1112	-.1112	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	-.4632	-.4632	0	%100
97	M86A	X	0	0	0	%100
98	M86A	Z	-.7447	-.7447	0	%100
99	M87B	X	0	0	0	%100
100	M87B	Z	-.1635	-.1635	0	%100
101	M88A	X	0	0	0	%100
102	M88A	Z	-.1632	-.1632	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	-.7441	-.7441	0	%100

Member Distributed Loads (BLC 66 : Structure Wm (30 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	.0811	.0811	0	%100
2	M1	Z	-.1404	-.1404	0	%100
3	M17A	X	.0811	.0811	0	%100
4	M17A	Z	-.1405	-.1405	0	%100
5	M47	X	.3242	.3242	0	%100
6	M47	Z	-.5616	-.5616	0	%100
7	MP1A	X	.2541	.2541	0	%100
8	MP1A	Z	-.4402	-.4402	0	%100
9	M6	X	.112	.112	0	%100
10	M6	Z	-.194	-.194	0	%100
11	M26	X	.4513	.4513	0	%100
12	M26	Z	-.7817	-.7817	0	%100

Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
13	M27	X	.1128	.1128	0	%100
14	M27	Z	-.1953	-.1953	0	%100
15	M28	X	.241	.241	0	%100
16	M28	Z	-.4174	-.4174	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	.2405	.2405	0	%100
20	M118	Z	-.4165	-.4165	0	%100
21	M6A	X	.4013	.4013	0	%100
22	M6A	Z	-.695	-.695	0	%100
23	M29	X	.4013	.4013	0	%100
24	M29	Z	-.695	-.695	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	.7988	.7988	0	%100
28	M21	Z	-1.3835	-1.3835	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	0	0	0	%100
31	M23	X	.7971	.7971	0	%100
32	M23	Z	-1.3807	-1.3807	0	%100
33	M24	X	.2454	.2454	0	%100
34	M24	Z	-.4251	-.4251	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	.2449	.2449	0	%100
38	M26A	Z	-.4243	-.4243	0	%100
39	M27A	X	.7988	.7988	0	%100
40	M27A	Z	-1.3835	-1.3835	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	0	0	0	%100
43	M29A	X	.7971	.7971	0	%100
44	M29A	Z	-1.3807	-1.3807	0	%100
45	M30A	X	.241	.241	0	%100
46	M30A	Z	-.4174	-.4174	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	0	0	0	%100
49	M32	X	.2405	.2405	0	%100
50	M32	Z	-.4165	-.4165	0	%100
51	MP2A	X	.2541	.2541	0	%100
52	MP2A	Z	-.4402	-.4402	0	%100
53	MP3A	X	.2541	.2541	0	%100
54	MP3A	Z	-.4402	-.4402	0	%100
55	MP4A	X	.2541	.2541	0	%100
56	MP4A	Z	-.4402	-.4402	0	%100
57	M39	X	.1904	.1904	0	%100
58	M39	Z	-.3297	-.3297	0	%100
59	M44	X	.1908	.1908	0	%100
60	M44	Z	-.3305	-.3305	0	%100
61	M49	X	0	0	0	%100
62	M49	Z	0	0	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	.2816	.2816	0	%100
66	M61A	Z	-.4877	-.4877	0	%100
67	M62	X	.2816	.2816	0	%100
68	M62	Z	-.4877	-.4877	0	%100
69	M63	X	.1129	.1129	0	%100

Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
70	M63	Z	-.1956	-.1956	0	%100
71	M64	X	.4034	.4034	0	%100
72	M64	Z	-.6987	-.6987	0	%100
73	MP1C	X	.2541	.2541	0	%100
74	MP1C	Z	-.4402	-.4402	0	%100
75	MP2C	X	.2541	.2541	0	%100
76	MP2C	Z	-.4402	-.4402	0	%100
77	MP3C	X	.2541	.2541	0	%100
78	MP3C	Z	-.4402	-.4402	0	%100
79	MP4C	X	.2541	.2541	0	%100
80	MP4C	Z	-.4402	-.4402	0	%100
81	MP1B	X	.2541	.2541	0	%100
82	MP1B	Z	-.4402	-.4402	0	%100
83	MP2B	X	.2541	.2541	0	%100
84	MP2B	Z	-.4402	-.4402	0	%100
85	MP3B	X	.2541	.2541	0	%100
86	MP3B	Z	-.4402	-.4402	0	%100
87	MP4B	X	.2541	.2541	0	%100
88	MP4B	Z	-.4402	-.4402	0	%100
89	M85A	X	6e-6	6e-6	0	%100
90	M85A	Z	-1.1e-5	-1.1e-5	0	%100
91	M86	X	.1628	.1628	0	%100
92	M86	Z	-.282	-.282	0	%100
93	M87A	X	.1648	.1648	0	%100
94	M87A	Z	-.2855	-.2855	0	%100
95	OVP	X	.2316	.2316	0	%100
96	OVP	Z	-.4012	-.4012	0	%100
97	M86A	X	.4036	.4036	0	%100
98	M86A	Z	-.6991	-.6991	0	%100
99	M87B	X	.1131	.1131	0	%100
100	M87B	Z	-.1959	-.1959	0	%100
101	M88A	X	.2113	.2113	0	%100
102	M88A	Z	-.3661	-.3661	0	%100
103	M89	X	.2112	.2112	0	%100
104	M89	Z	-.3659	-.3659	0	%100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	.4213	.4213	0	%100
2	M1	Z	-.2433	-.2433	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	.4212	.4212	0	%100
6	M47	Z	-.2432	-.2432	0	%100
7	MP1A	X	.4402	.4402	0	%100
8	MP1A	Z	-.2541	-.2541	0	%100
9	M6	X	4e-6	4e-6	0	%100
10	M6	Z	-2e-6	-2e-6	0	%100
11	M26	X	.5848	.5848	0	%100
12	M26	Z	-.3376	-.3376	0	%100
13	M27	X	.586	.586	0	%100
14	M27	Z	-.3383	-.3383	0	%100
15	M28	X	.556	.556	0	%100
16	M28	Z	-.321	-.321	0	%100
17	M58	X	.1392	.1392	0	%100
18	M58	Z	-.0804	-.0804	0	%100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
19	M118	X	.1385	.1385	0	%100
20	M118	Z	-.08	-.08	0	%100
21	M6A	X	.2317	.2317	0	%100
22	M6A	Z	-.1338	-.1338	0	%100
23	M29	X	.9267	.9267	0	%100
24	M29	Z	-.535	-.535	0	%100
25	M59	X	.2317	.2317	0	%100
26	M59	Z	-.1338	-.1338	0	%100
27	M21	X	1.8432	1.8432	0	%100
28	M21	Z	-1.0641	-1.0641	0	%100
29	M22	X	.4613	.4613	0	%100
30	M22	Z	-.2664	-.2664	0	%100
31	M23	X	.4591	.4591	0	%100
32	M23	Z	-.2651	-.2651	0	%100
33	M24	X	.5664	.5664	0	%100
34	M24	Z	-.327	-.327	0	%100
35	M25	X	.1418	.1418	0	%100
36	M25	Z	-.0818	-.0818	0	%100
37	M26A	X	.1411	.1411	0	%100
38	M26A	Z	-.0815	-.0815	0	%100
39	M27A	X	1.8432	1.8432	0	%100
40	M27A	Z	-1.0641	-1.0641	0	%100
41	M28A	X	.4613	.4613	0	%100
42	M28A	Z	-.2664	-.2664	0	%100
43	M29A	X	.4591	.4591	0	%100
44	M29A	Z	-.2651	-.2651	0	%100
45	M30A	X	.556	.556	0	%100
46	M30A	Z	-.321	-.321	0	%100
47	M31A	X	.1392	.1392	0	%100
48	M31A	Z	-.0804	-.0804	0	%100
49	M32	X	.1385	.1385	0	%100
50	M32	Z	-.08	-.08	0	%100
51	MP2A	X	.4402	.4402	0	%100
52	MP2A	Z	-.2541	-.2541	0	%100
53	MP3A	X	.4402	.4402	0	%100
54	MP3A	Z	-.2541	-.2541	0	%100
55	MP4A	X	.4402	.4402	0	%100
56	MP4A	Z	-.2541	-.2541	0	%100
57	M39	X	.1096	.1096	0	%100
58	M39	Z	-.0633	-.0633	0	%100
59	M44	X	.4402	.4402	0	%100
60	M44	Z	-.2541	-.2541	0	%100
61	M49	X	.1105	.1105	0	%100
62	M49	Z	-.0638	-.0638	0	%100
63	M60A	X	.1626	.1626	0	%100
64	M60A	Z	-.0939	-.0939	0	%100
65	M61A	X	.1626	.1626	0	%100
66	M61A	Z	-.0939	-.0939	0	%100
67	M62	X	.6503	.6503	0	%100
68	M62	Z	-.3755	-.3755	0	%100
69	M63	X	.1413	.1413	0	%100
70	M63	Z	-.0816	-.0816	0	%100
71	M64	X	.6444	.6444	0	%100
72	M64	Z	-.3721	-.3721	0	%100
73	MP1C	X	.4402	.4402	0	%100
74	MP1C	Z	-.2541	-.2541	0	%100
75	MP2C	X	.4402	.4402	0	%100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
76	MP2C	Z	-.2541	-.2541	0	%100
77	MP3C	X	.4402	.4402	0	%100
78	MP3C	Z	-.2541	-.2541	0	%100
79	MP4C	X	.4402	.4402	0	%100
80	MP4C	Z	-.2541	-.2541	0	%100
81	MP1B	X	.4402	.4402	0	%100
82	MP1B	Z	-.2541	-.2541	0	%100
83	MP2B	X	.4402	.4402	0	%100
84	MP2B	Z	-.2541	-.2541	0	%100
85	MP3B	X	.4402	.4402	0	%100
86	MP3B	Z	-.2541	-.2541	0	%100
87	MP4B	X	.4402	.4402	0	%100
88	MP4B	Z	-.2541	-.2541	0	%100
89	M85A	X	.0963	.0963	0	%100
90	M85A	Z	-.0556	-.0556	0	%100
91	M86	X	.0929	.0929	0	%100
92	M86	Z	-.0536	-.0536	0	%100
93	M87A	X	.3783	.3783	0	%100
94	M87A	Z	-.2184	-.2184	0	%100
95	OVP	X	.4012	.4012	0	%100
96	OVP	Z	-.2316	-.2316	0	%100
97	M86A	X	.4744	.4744	0	%100
98	M86A	Z	-.2739	-.2739	0	%100
99	M87B	X	.4745	.4745	0	%100
100	M87B	Z	-.274	-.274	0	%100
101	M88A	X	.6449	.6449	0	%100
102	M88A	Z	-.3723	-.3723	0	%100
103	M89	X	.1416	.1416	0	%100
104	M89	Z	-.0818	-.0818	0	%100

Member Distributed Loads (BLC 68 : Structure Wm (90 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	.6487	.6487	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	.1622	.1622	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	.1621	.1621	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	.5083	.5083	0	%100
8	MP1A	Z	0	0	0	%100
9	M6	X	.2273	.2273	0	%100
10	M6	Z	0	0	0	%100
11	M26	X	.224	.224	0	%100
12	M26	Z	0	0	0	%100
13	M27	X	.9022	.9022	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	.4812	.4812	0	%100
16	M28	Z	0	0	0	%100
17	M58	X	.4817	.4817	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	1e-6	1e-6	0	%100
20	M118	Z	0	0	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	0	0	0	%100
23	M29	X	.8026	.8026	0	%100
24	M29	Z	0	0	0	%100

Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
25	M59	X	.8026	.8026	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	1.5949	1.5949	0	%100
28	M21	Z	0	0	0	%100
29	M22	X	1.5969	1.5969	0	%100
30	M22	Z	0	0	0	%100
31	M23	X	2e-6	2e-6	0	%100
32	M23	Z	0	0	0	%100
33	M24	X	.4901	.4901	0	%100
34	M24	Z	0	0	0	%100
35	M25	X	.4907	.4907	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	1e-6	1e-6	0	%100
38	M26A	Z	0	0	0	%100
39	M27A	X	1.5949	1.5949	0	%100
40	M27A	Z	0	0	0	%100
41	M28A	X	1.5969	1.5969	0	%100
42	M28A	Z	0	0	0	%100
43	M29A	X	2e-6	2e-6	0	%100
44	M29A	Z	0	0	0	%100
45	M30A	X	.4812	.4812	0	%100
46	M30A	Z	0	0	0	%100
47	M31A	X	.4817	.4817	0	%100
48	M31A	Z	0	0	0	%100
49	M32	X	1e-6	1e-6	0	%100
50	M32	Z	0	0	0	%100
51	MP2A	X	.5083	.5083	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	.5083	.5083	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	.5083	.5083	0	%100
56	MP4A	Z	0	0	0	%100
57	M39	X	1e-6	1e-6	0	%100
58	M39	Z	0	0	0	%100
59	M44	X	.3808	.3808	0	%100
60	M44	Z	0	0	0	%100
61	M49	X	.3817	.3817	0	%100
62	M49	Z	0	0	0	%100
63	M60A	X	.5632	.5632	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	0	0	0	%100
67	M62	X	.5632	.5632	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	.4226	.4226	0	%100
70	M63	Z	0	0	0	%100
71	M64	X	.4225	.4225	0	%100
72	M64	Z	0	0	0	%100
73	MP1C	X	.5083	.5083	0	%100
74	MP1C	Z	0	0	0	%100
75	MP2C	X	.5083	.5083	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3C	X	.5083	.5083	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	.5083	.5083	0	%100
80	MP4C	Z	0	0	0	%100
81	MP1B	X	.5083	.5083	0	%100

Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
82	MP1B	Z	0	0	0	%100
83	MP2B	X	.5083	.5083	0	%100
84	MP2B	Z	0	0	0	%100
85	MP3B	X	.5083	.5083	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	.5083	.5083	0	%100
88	MP4B	Z	0	0	0	%100
89	M85A	X	.3297	.3297	0	%100
90	M85A	Z	0	0	0	%100
91	M86	X	1.2e-5	1.2e-5	0	%100
92	M86	Z	0	0	0	%100
93	M87A	X	.3256	.3256	0	%100
94	M87A	Z	0	0	0	%100
95	OVP	X	.4632	.4632	0	%100
96	OVP	Z	0	0	0	%100
97	M86A	X	.2258	.2258	0	%100
98	M86A	Z	0	0	0	%100
99	M87B	X	.8069	.8069	0	%100
100	M87B	Z	0	0	0	%100
101	M88A	X	.8072	.8072	0	%100
102	M88A	Z	0	0	0	%100
103	M89	X	.2262	.2262	0	%100
104	M89	Z	0	0	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	.4213	.4213	0	%100
2	M1	Z	.2433	.2433	0	%100
3	M17A	X	.4214	.4214	0	%100
4	M17A	Z	.2433	.2433	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	.4402	.4402	0	%100
8	MP1A	Z	.2541	.2541	0	%100
9	M6	X	.5877	.5877	0	%100
10	M6	Z	.3393	.3393	0	%100
11	M26	X	4e-6	4e-6	0	%100
12	M26	Z	2e-6	2e-6	0	%100
13	M27	X	.586	.586	0	%100
14	M27	Z	.3383	.3383	0	%100
15	M28	X	.1387	.1387	0	%100
16	M28	Z	.0801	.0801	0	%100
17	M58	X	.556	.556	0	%100
18	M58	Z	.321	.321	0	%100
19	M118	X	.1395	.1395	0	%100
20	M118	Z	.0805	.0805	0	%100
21	M6A	X	.2317	.2317	0	%100
22	M6A	Z	.1338	.1338	0	%100
23	M29	X	.2317	.2317	0	%100
24	M29	Z	.1338	.1338	0	%100
25	M59	X	.9267	.9267	0	%100
26	M59	Z	.535	.535	0	%100
27	M21	X	.4597	.4597	0	%100
28	M21	Z	.2654	.2654	0	%100
29	M22	X	1.8432	1.8432	0	%100
30	M22	Z	1.0641	1.0641	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
31	M23	X	.4625	.4625	0	%100
32	M23	Z	.267	.267	0	%100
33	M24	X	.1412	.1412	0	%100
34	M24	Z	.0815	.0815	0	%100
35	M25	X	.5664	.5664	0	%100
36	M25	Z	.327	.327	0	%100
37	M26A	X	.1421	.1421	0	%100
38	M26A	Z	.082	.082	0	%100
39	M27A	X	.4597	.4597	0	%100
40	M27A	Z	.2654	.2654	0	%100
41	M28A	X	1.8432	1.8432	0	%100
42	M28A	Z	1.0641	1.0641	0	%100
43	M29A	X	.4625	.4625	0	%100
44	M29A	Z	.267	.267	0	%100
45	M30A	X	.1387	.1387	0	%100
46	M30A	Z	.0801	.0801	0	%100
47	M31A	X	.556	.556	0	%100
48	M31A	Z	.321	.321	0	%100
49	M32	X	.1395	.1395	0	%100
50	M32	Z	.0805	.0805	0	%100
51	MP2A	X	.4402	.4402	0	%100
52	MP2A	Z	.2541	.2541	0	%100
53	MP3A	X	.4402	.4402	0	%100
54	MP3A	Z	.2541	.2541	0	%100
55	MP4A	X	.4402	.4402	0	%100
56	MP4A	Z	.2541	.2541	0	%100
57	M39	X	.1105	.1105	0	%100
58	M39	Z	.0638	.0638	0	%100
59	M44	X	.1096	.1096	0	%100
60	M44	Z	.0633	.0633	0	%100
61	M49	X	.4402	.4402	0	%100
62	M49	Z	.2541	.2541	0	%100
63	M60A	X	.6503	.6503	0	%100
64	M60A	Z	.3755	.3755	0	%100
65	M61A	X	.1626	.1626	0	%100
66	M61A	Z	.0939	.0939	0	%100
67	M62	X	.1626	.1626	0	%100
68	M62	Z	.0939	.0939	0	%100
69	M63	X	.6449	.6449	0	%100
70	M63	Z	.3723	.3723	0	%100
71	M64	X	.1416	.1416	0	%100
72	M64	Z	.0818	.0818	0	%100
73	MP1C	X	.4402	.4402	0	%100
74	MP1C	Z	.2541	.2541	0	%100
75	MP2C	X	.4402	.4402	0	%100
76	MP2C	Z	.2541	.2541	0	%100
77	MP3C	X	.4402	.4402	0	%100
78	MP3C	Z	.2541	.2541	0	%100
79	MP4C	X	.4402	.4402	0	%100
80	MP4C	Z	.2541	.2541	0	%100
81	MP1B	X	.4402	.4402	0	%100
82	MP1B	Z	.2541	.2541	0	%100
83	MP2B	X	.4402	.4402	0	%100
84	MP2B	Z	.2541	.2541	0	%100
85	MP3B	X	.4402	.4402	0	%100
86	MP3B	Z	.2541	.2541	0	%100
87	MP4B	X	.4402	.4402	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
88	MP4B	Z	.2541	.2541	0	%100
89	M85A	X	.3783	.3783	0	%100
90	M85A	Z	.2184	.2184	0	%100
91	M86	X	.0963	.0963	0	%100
92	M86	Z	.0556	.0556	0	%100
93	M87A	X	.0929	.0929	0	%100
94	M87A	Z	.0536	.0536	0	%100
95	OVP	X	.4012	.4012	0	%100
96	OVP	Z	.2316	.2316	0	%100
97	M86A	X	.1413	.1413	0	%100
98	M86A	Z	.0816	.0816	0	%100
99	M87B	X	.6444	.6444	0	%100
100	M87B	Z	.372	.372	0	%100
101	M88A	X	.4744	.4744	0	%100
102	M88A	Z	.2739	.2739	0	%100
103	M89	X	.4745	.4745	0	%100
104	M89	Z	.2739	.2739	0	%100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	.0811	.0811	0	%100
2	M1	Z	.1404	.1404	0	%100
3	M17A	X	.3244	.3244	0	%100
4	M17A	Z	.5619	.5619	0	%100
5	M47	X	.0811	.0811	0	%100
6	M47	Z	.1404	.1404	0	%100
7	MP1A	X	.2541	.2541	0	%100
8	MP1A	Z	.4402	.4402	0	%100
9	M6	X	.4513	.4513	0	%100
10	M6	Z	.7817	.7817	0	%100
11	M26	X	.1137	.1137	0	%100
12	M26	Z	.1969	.1969	0	%100
13	M27	X	.1128	.1128	0	%100
14	M27	Z	.1953	.1953	0	%100
15	M28	X	0	0	0	%100
16	M28	Z	0	0	0	%100
17	M58	X	.2407	.2407	0	%100
18	M58	Z	.4169	.4169	0	%100
19	M118	X	.2411	.2411	0	%100
20	M118	Z	.4175	.4175	0	%100
21	M6A	X	.4013	.4013	0	%100
22	M6A	Z	.695	.695	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	.4013	.4013	0	%100
26	M59	Z	.695	.695	0	%100
27	M21	X	1e-6	1e-6	0	%100
28	M21	Z	1e-6	1e-6	0	%100
29	M22	X	.7978	.7978	0	%100
30	M22	Z	1.3818	1.3818	0	%100
31	M23	X	.7991	.7991	0	%100
32	M23	Z	1.384	1.384	0	%100
33	M24	X	0	0	0	%100
34	M24	Z	0	0	0	%100
35	M25	X	.2451	.2451	0	%100
36	M25	Z	.4246	.4246	0	%100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
37	M26A	X	.2455	.2455	0	%100
38	M26A	Z	.4253	.4253	0	%100
39	M27A	X	1e-6	1e-6	0	%100
40	M27A	Z	1e-6	1e-6	0	%100
41	M28A	X	.7978	.7978	0	%100
42	M28A	Z	1.3818	1.3818	0	%100
43	M29A	X	.7991	.7991	0	%100
44	M29A	Z	1.384	1.384	0	%100
45	M30A	X	0	0	0	%100
46	M30A	Z	0	0	0	%100
47	M31A	X	.2407	.2407	0	%100
48	M31A	Z	.4169	.4169	0	%100
49	M32	X	.2411	.2411	0	%100
50	M32	Z	.4175	.4175	0	%100
51	MP2A	X	.2541	.2541	0	%100
52	MP2A	Z	.4402	.4402	0	%100
53	MP3A	X	.2541	.2541	0	%100
54	MP3A	Z	.4402	.4402	0	%100
55	MP4A	X	.2541	.2541	0	%100
56	MP4A	Z	.4402	.4402	0	%100
57	M39	X	.1908	.1908	0	%100
58	M39	Z	.3305	.3305	0	%100
59	M44	X	0	0	0	%100
60	M44	Z	0	0	0	%100
61	M49	X	.1904	.1904	0	%100
62	M49	Z	.3297	.3297	0	%100
63	M60A	X	.2816	.2816	0	%100
64	M60A	Z	.4877	.4877	0	%100
65	M61A	X	.2816	.2816	0	%100
66	M61A	Z	.4877	.4877	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	.4037	.4037	0	%100
70	M63	Z	.6992	.6992	0	%100
71	M64	X	.1131	.1131	0	%100
72	M64	Z	.1959	.1959	0	%100
73	MP1C	X	.2541	.2541	0	%100
74	MP1C	Z	.4402	.4402	0	%100
75	MP2C	X	.2541	.2541	0	%100
76	MP2C	Z	.4402	.4402	0	%100
77	MP3C	X	.2541	.2541	0	%100
78	MP3C	Z	.4402	.4402	0	%100
79	MP4C	X	.2541	.2541	0	%100
80	MP4C	Z	.4402	.4402	0	%100
81	MP1B	X	.2541	.2541	0	%100
82	MP1B	Z	.4402	.4402	0	%100
83	MP2B	X	.2541	.2541	0	%100
84	MP2B	Z	.4402	.4402	0	%100
85	MP3B	X	.2541	.2541	0	%100
86	MP3B	Z	.4402	.4402	0	%100
87	MP4B	X	.2541	.2541	0	%100
88	MP4B	Z	.4402	.4402	0	%100
89	M85A	X	.1628	.1628	0	%100
90	M85A	Z	.282	.282	0	%100
91	M86	X	.1648	.1648	0	%100
92	M86	Z	.2855	.2855	0	%100
93	M87A	X	6e-6	6e-6	0	%100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
94	M87A	Z	1.1e-5	1.1e-5	0	%100
95	OVP	X	.2316	.2316	0	%100
96	OVP	Z	.4012	.4012	0	%100
97	M86A	X	.2113	.2113	0	%100
98	M86A	Z	.366	.366	0	%100
99	M87B	X	.2112	.2112	0	%100
100	M87B	Z	.3658	.3658	0	%100
101	M88A	X	.1129	.1129	0	%100
102	M88A	Z	.1955	.1955	0	%100
103	M89	X	.4034	.4034	0	%100
104	M89	Z	.6987	.6987	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	.4866	.4866	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	.4864	.4864	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.5083	.5083	0	%100
9	M6	X	0	0	0	%100
10	M6	Z	.6752	.6752	0	%100
11	M26	X	0	0	0	%100
12	M26	Z	.6786	.6786	0	%100
13	M27	X	0	0	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	0	0	0	%100
16	M28	Z	.1609	.1609	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	.1603	.1603	0	%100
19	M118	X	0	0	0	%100
20	M118	Z	.6421	.6421	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	1.0701	1.0701	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	.2675	.2675	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	.2675	.2675	0	%100
27	M21	X	0	0	0	%100
28	M21	Z	.5334	.5334	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	.5314	.5314	0	%100
31	M23	X	0	0	0	%100
32	M23	Z	2.1283	2.1283	0	%100
33	M24	X	0	0	0	%100
34	M24	Z	.1639	.1639	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	.1633	.1633	0	%100
37	M26A	X	0	0	0	%100
38	M26A	Z	.654	.654	0	%100
39	M27A	X	0	0	0	%100
40	M27A	Z	.5334	.5334	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	.5314	.5314	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
43	M29A	X	0	0	0	%100
44	M29A	Z	2.1283	2.1283	0	%100
45	M30A	X	0	0	0	%100
46	M30A	Z	.1609	.1609	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	.1603	.1603	0	%100
49	M32	X	0	0	0	%100
50	M32	Z	.6421	.6421	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	.5083	.5083	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	.5083	.5083	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	.5083	.5083	0	%100
57	M39	X	0	0	0	%100
58	M39	Z	.5083	.5083	0	%100
59	M44	X	0	0	0	%100
60	M44	Z	.1275	.1275	0	%100
61	M49	X	0	0	0	%100
62	M49	Z	.1266	.1266	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	.1877	.1877	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	.7509	.7509	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	.1877	.1877	0	%100
69	M63	X	0	0	0	%100
70	M63	Z	.5479	.5479	0	%100
71	M64	X	0	0	0	%100
72	M64	Z	.5478	.5478	0	%100
73	MP1C	X	0	0	0	%100
74	MP1C	Z	.5083	.5083	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	.5083	.5083	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	.5083	.5083	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	.5083	.5083	0	%100
81	MP1B	X	0	0	0	%100
82	MP1B	Z	.5083	.5083	0	%100
83	MP2B	X	0	0	0	%100
84	MP2B	Z	.5083	.5083	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	.5083	.5083	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	.5083	.5083	0	%100
89	M85A	X	0	0	0	%100
90	M85A	Z	.1072	.1072	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	.4369	.4369	0	%100
93	M87A	X	0	0	0	%100
94	M87A	Z	.1112	.1112	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	.4632	.4632	0	%100
97	M86A	X	0	0	0	%100
98	M86A	Z	.7447	.7447	0	%100
99	M87B	X	0	0	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
100	M87B	Z	.1635	.1635	0	%100
101	M88A	X	0	0	0	%100
102	M88A	Z	.1632	.1632	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	.7441	.7441	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-.0811	-.0811	0	%100
2	M1	Z	.1404	.1404	0	%100
3	M17A	X	-.0811	-.0811	0	%100
4	M17A	Z	.1405	.1405	0	%100
5	M47	X	-.3242	-.3242	0	%100
6	M47	Z	.5616	.5616	0	%100
7	MP1A	X	-.2541	-.2541	0	%100
8	MP1A	Z	.4402	.4402	0	%100
9	M6	X	-.112	-.112	0	%100
10	M6	Z	.194	.194	0	%100
11	M26	X	-.4513	-.4513	0	%100
12	M26	Z	.7817	.7817	0	%100
13	M27	X	-.1128	-.1128	0	%100
14	M27	Z	.1953	.1953	0	%100
15	M28	X	-.241	-.241	0	%100
16	M28	Z	.4174	.4174	0	%100
17	M58	X	0	0	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	-.2405	-.2405	0	%100
20	M118	Z	.4165	.4165	0	%100
21	M6A	X	-.4013	-.4013	0	%100
22	M6A	Z	.695	.695	0	%100
23	M29	X	-.4013	-.4013	0	%100
24	M29	Z	.695	.695	0	%100
25	M59	X	0	0	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	-.7988	-.7988	0	%100
28	M21	Z	1.3835	1.3835	0	%100
29	M22	X	0	0	0	%100
30	M22	Z	0	0	0	%100
31	M23	X	-.7971	-.7971	0	%100
32	M23	Z	1.3807	1.3807	0	%100
33	M24	X	-.2454	-.2454	0	%100
34	M24	Z	.4251	.4251	0	%100
35	M25	X	0	0	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	-.2449	-.2449	0	%100
38	M26A	Z	.4243	.4243	0	%100
39	M27A	X	-.7988	-.7988	0	%100
40	M27A	Z	1.3835	1.3835	0	%100
41	M28A	X	0	0	0	%100
42	M28A	Z	0	0	0	%100
43	M29A	X	-.7971	-.7971	0	%100
44	M29A	Z	1.3807	1.3807	0	%100
45	M30A	X	-.241	-.241	0	%100
46	M30A	Z	.4174	.4174	0	%100
47	M31A	X	0	0	0	%100
48	M31A	Z	0	0	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
49	M32	X	-.2405	-.2405	0	%100
50	M32	Z	.4165	.4165	0	%100
51	MP2A	X	-.2541	-.2541	0	%100
52	MP2A	Z	.4402	.4402	0	%100
53	MP3A	X	-.2541	-.2541	0	%100
54	MP3A	Z	.4402	.4402	0	%100
55	MP4A	X	-.2541	-.2541	0	%100
56	MP4A	Z	.4402	.4402	0	%100
57	M39	X	-.1904	-.1904	0	%100
58	M39	Z	.3297	.3297	0	%100
59	M44	X	-.1908	-.1908	0	%100
60	M44	Z	.3305	.3305	0	%100
61	M49	X	0	0	0	%100
62	M49	Z	0	0	0	%100
63	M60A	X	0	0	0	%100
64	M60A	Z	0	0	0	%100
65	M61A	X	-.2816	-.2816	0	%100
66	M61A	Z	.4877	.4877	0	%100
67	M62	X	-.2816	-.2816	0	%100
68	M62	Z	.4877	.4877	0	%100
69	M63	X	-.1129	-.1129	0	%100
70	M63	Z	.1956	.1956	0	%100
71	M64	X	-.4034	-.4034	0	%100
72	M64	Z	.6987	.6987	0	%100
73	MP1C	X	-.2541	-.2541	0	%100
74	MP1C	Z	.4402	.4402	0	%100
75	MP2C	X	-.2541	-.2541	0	%100
76	MP2C	Z	.4402	.4402	0	%100
77	MP3C	X	-.2541	-.2541	0	%100
78	MP3C	Z	.4402	.4402	0	%100
79	MP4C	X	-.2541	-.2541	0	%100
80	MP4C	Z	.4402	.4402	0	%100
81	MP1B	X	-.2541	-.2541	0	%100
82	MP1B	Z	.4402	.4402	0	%100
83	MP2B	X	-.2541	-.2541	0	%100
84	MP2B	Z	.4402	.4402	0	%100
85	MP3B	X	-.2541	-.2541	0	%100
86	MP3B	Z	.4402	.4402	0	%100
87	MP4B	X	-.2541	-.2541	0	%100
88	MP4B	Z	.4402	.4402	0	%100
89	M85A	X	-6e-6	-6e-6	0	%100
90	M85A	Z	1.1e-5	1.1e-5	0	%100
91	M86	X	-.1628	-.1628	0	%100
92	M86	Z	.282	.282	0	%100
93	M87A	X	-.1648	-.1648	0	%100
94	M87A	Z	.2855	.2855	0	%100
95	OVP	X	-.2316	-.2316	0	%100
96	OVP	Z	.4012	.4012	0	%100
97	M86A	X	-.4036	-.4036	0	%100
98	M86A	Z	.6991	.6991	0	%100
99	M87B	X	-.1131	-.1131	0	%100
100	M87B	Z	.1959	.1959	0	%100
101	M88A	X	-.2113	-.2113	0	%100
102	M88A	Z	.3661	.3661	0	%100
103	M89	X	-.2112	-.2112	0	%100
104	M89	Z	.3659	.3659	0	%100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-.4213	-.4213	0	%100
2	M1	Z	.2433	.2433	0	%100
3	M17A	X	0	0	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	-.4212	-.4212	0	%100
6	M47	Z	.2432	.2432	0	%100
7	MP1A	X	-.4402	-.4402	0	%100
8	MP1A	Z	.2541	.2541	0	%100
9	M6	X	-4e-6	-4e-6	0	%100
10	M6	Z	2e-6	2e-6	0	%100
11	M26	X	-.5848	-.5848	0	%100
12	M26	Z	.3376	.3376	0	%100
13	M27	X	-.586	-.586	0	%100
14	M27	Z	.3383	.3383	0	%100
15	M28	X	-.556	-.556	0	%100
16	M28	Z	.321	.321	0	%100
17	M58	X	-.1392	-.1392	0	%100
18	M58	Z	.0804	.0804	0	%100
19	M118	X	-.1385	-.1385	0	%100
20	M118	Z	.08	.08	0	%100
21	M6A	X	-.2317	-.2317	0	%100
22	M6A	Z	.1338	.1338	0	%100
23	M29	X	-.9267	-.9267	0	%100
24	M29	Z	.535	.535	0	%100
25	M59	X	-.2317	-.2317	0	%100
26	M59	Z	.1338	.1338	0	%100
27	M21	X	-1.8432	-1.8432	0	%100
28	M21	Z	1.0641	1.0641	0	%100
29	M22	X	-.4613	-.4613	0	%100
30	M22	Z	.2664	.2664	0	%100
31	M23	X	-.4591	-.4591	0	%100
32	M23	Z	.2651	.2651	0	%100
33	M24	X	-.5664	-.5664	0	%100
34	M24	Z	.327	.327	0	%100
35	M25	X	-.1418	-.1418	0	%100
36	M25	Z	.0818	.0818	0	%100
37	M26A	X	-.1411	-.1411	0	%100
38	M26A	Z	.0815	.0815	0	%100
39	M27A	X	-1.8432	-1.8432	0	%100
40	M27A	Z	1.0641	1.0641	0	%100
41	M28A	X	-.4613	-.4613	0	%100
42	M28A	Z	.2664	.2664	0	%100
43	M29A	X	-.4591	-.4591	0	%100
44	M29A	Z	.2651	.2651	0	%100
45	M30A	X	-.556	-.556	0	%100
46	M30A	Z	.321	.321	0	%100
47	M31A	X	-.1392	-.1392	0	%100
48	M31A	Z	.0804	.0804	0	%100
49	M32	X	-.1385	-.1385	0	%100
50	M32	Z	.08	.08	0	%100
51	MP2A	X	-.4402	-.4402	0	%100
52	MP2A	Z	.2541	.2541	0	%100
53	MP3A	X	-.4402	-.4402	0	%100
54	MP3A	Z	.2541	.2541	0	%100
55	MP4A	X	-.4402	-.4402	0	%100
56	MP4A	Z	.2541	.2541	0	%100
57	M39	X	-.1096	-.1096	0	%100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
58	M39	Z	.0633	.0633	0	%100
59	M44	X	-.4402	-.4402	0	%100
60	M44	Z	.2541	.2541	0	%100
61	M49	X	-.1105	-.1105	0	%100
62	M49	Z	.0638	.0638	0	%100
63	M60A	X	-.1626	-.1626	0	%100
64	M60A	Z	.0939	.0939	0	%100
65	M61A	X	-.1626	-.1626	0	%100
66	M61A	Z	.0939	.0939	0	%100
67	M62	X	-.6503	-.6503	0	%100
68	M62	Z	.3755	.3755	0	%100
69	M63	X	-.1413	-.1413	0	%100
70	M63	Z	.0816	.0816	0	%100
71	M64	X	-.6444	-.6444	0	%100
72	M64	Z	.3721	.3721	0	%100
73	MP1C	X	-.4402	-.4402	0	%100
74	MP1C	Z	.2541	.2541	0	%100
75	MP2C	X	-.4402	-.4402	0	%100
76	MP2C	Z	.2541	.2541	0	%100
77	MP3C	X	-.4402	-.4402	0	%100
78	MP3C	Z	.2541	.2541	0	%100
79	MP4C	X	-.4402	-.4402	0	%100
80	MP4C	Z	.2541	.2541	0	%100
81	MP1B	X	-.4402	-.4402	0	%100
82	MP1B	Z	.2541	.2541	0	%100
83	MP2B	X	-.4402	-.4402	0	%100
84	MP2B	Z	.2541	.2541	0	%100
85	MP3B	X	-.4402	-.4402	0	%100
86	MP3B	Z	.2541	.2541	0	%100
87	MP4B	X	-.4402	-.4402	0	%100
88	MP4B	Z	.2541	.2541	0	%100
89	M85A	X	-.0963	-.0963	0	%100
90	M85A	Z	.0556	.0556	0	%100
91	M86	X	-.0929	-.0929	0	%100
92	M86	Z	.0536	.0536	0	%100
93	M87A	X	-.3783	-.3783	0	%100
94	M87A	Z	.2184	.2184	0	%100
95	OVP	X	-.4012	-.4012	0	%100
96	OVP	Z	.2316	.2316	0	%100
97	M86A	X	-.4744	-.4744	0	%100
98	M86A	Z	.2739	.2739	0	%100
99	M87B	X	-.4745	-.4745	0	%100
100	M87B	Z	.274	.274	0	%100
101	M88A	X	-.6449	-.6449	0	%100
102	M88A	Z	.3723	.3723	0	%100
103	M89	X	-.1416	-.1416	0	%100
104	M89	Z	.0818	.0818	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-.6487	-.6487	0	%100
2	M1	Z	0	0	0	%100
3	M17A	X	-.1622	-.1622	0	%100
4	M17A	Z	0	0	0	%100
5	M47	X	-.1621	-.1621	0	%100
6	M47	Z	0	0	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
7	MP1A	X	-.5083	-.5083	0	%100
8	MP1A	Z	0	0	0	%100
9	M6	X	-.2273	-.2273	0	%100
10	M6	Z	0	0	0	%100
11	M26	X	-.224	-.224	0	%100
12	M26	Z	0	0	0	%100
13	M27	X	-.9022	-.9022	0	%100
14	M27	Z	0	0	0	%100
15	M28	X	-.4812	-.4812	0	%100
16	M28	Z	0	0	0	%100
17	M58	X	-.4817	-.4817	0	%100
18	M58	Z	0	0	0	%100
19	M118	X	-1e-6	-1e-6	0	%100
20	M118	Z	0	0	0	%100
21	M6A	X	0	0	0	%100
22	M6A	Z	0	0	0	%100
23	M29	X	-.8026	-.8026	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	-.8026	-.8026	0	%100
26	M59	Z	0	0	0	%100
27	M21	X	-1.5949	-1.5949	0	%100
28	M21	Z	0	0	0	%100
29	M22	X	-1.5969	-1.5969	0	%100
30	M22	Z	0	0	0	%100
31	M23	X	-2e-6	-2e-6	0	%100
32	M23	Z	0	0	0	%100
33	M24	X	-.4901	-.4901	0	%100
34	M24	Z	0	0	0	%100
35	M25	X	-.4907	-.4907	0	%100
36	M25	Z	0	0	0	%100
37	M26A	X	-1e-6	-1e-6	0	%100
38	M26A	Z	0	0	0	%100
39	M27A	X	-1.5949	-1.5949	0	%100
40	M27A	Z	0	0	0	%100
41	M28A	X	-1.5969	-1.5969	0	%100
42	M28A	Z	0	0	0	%100
43	M29A	X	-2e-6	-2e-6	0	%100
44	M29A	Z	0	0	0	%100
45	M30A	X	-.4812	-.4812	0	%100
46	M30A	Z	0	0	0	%100
47	M31A	X	-.4817	-.4817	0	%100
48	M31A	Z	0	0	0	%100
49	M32	X	-1e-6	-1e-6	0	%100
50	M32	Z	0	0	0	%100
51	MP2A	X	-.5083	-.5083	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	-.5083	-.5083	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	-.5083	-.5083	0	%100
56	MP4A	Z	0	0	0	%100
57	M39	X	-1e-6	-1e-6	0	%100
58	M39	Z	0	0	0	%100
59	M44	X	-.3808	-.3808	0	%100
60	M44	Z	0	0	0	%100
61	M49	X	-.3817	-.3817	0	%100
62	M49	Z	0	0	0	%100
63	M60A	X	-.5632	-.5632	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
64	M60A	Z	0	0	0	%100
65	M61A	X	0	0	0	%100
66	M61A	Z	0	0	0	%100
67	M62	X	-.5632	-.5632	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	-.4226	-.4226	0	%100
70	M63	Z	0	0	0	%100
71	M64	X	-.4225	-.4225	0	%100
72	M64	Z	0	0	0	%100
73	MP1C	X	-.5083	-.5083	0	%100
74	MP1C	Z	0	0	0	%100
75	MP2C	X	-.5083	-.5083	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3C	X	-.5083	-.5083	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	-.5083	-.5083	0	%100
80	MP4C	Z	0	0	0	%100
81	MP1B	X	-.5083	-.5083	0	%100
82	MP1B	Z	0	0	0	%100
83	MP2B	X	-.5083	-.5083	0	%100
84	MP2B	Z	0	0	0	%100
85	MP3B	X	-.5083	-.5083	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	-.5083	-.5083	0	%100
88	MP4B	Z	0	0	0	%100
89	M85A	X	-.3297	-.3297	0	%100
90	M85A	Z	0	0	0	%100
91	M86	X	-1.2e-5	-1.2e-5	0	%100
92	M86	Z	0	0	0	%100
93	M87A	X	-.3256	-.3256	0	%100
94	M87A	Z	0	0	0	%100
95	OVP	X	-.4632	-.4632	0	%100
96	OVP	Z	0	0	0	%100
97	M86A	X	-.2258	-.2258	0	%100
98	M86A	Z	0	0	0	%100
99	M87B	X	-.8069	-.8069	0	%100
100	M87B	Z	0	0	0	%100
101	M88A	X	-.8072	-.8072	0	%100
102	M88A	Z	0	0	0	%100
103	M89	X	-.2262	-.2262	0	%100
104	M89	Z	0	0	0	%100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-.4213	-.4213	0	%100
2	M1	Z	-.2433	-.2433	0	%100
3	M17A	X	-.4214	-.4214	0	%100
4	M17A	Z	-.2433	-.2433	0	%100
5	M47	X	0	0	0	%100
6	M47	Z	0	0	0	%100
7	MP1A	X	-.4402	-.4402	0	%100
8	MP1A	Z	-.2541	-.2541	0	%100
9	M6	X	-.5877	-.5877	0	%100
10	M6	Z	-.3393	-.3393	0	%100
11	M26	X	-4e-6	-4e-6	0	%100
12	M26	Z	-2e-6	-2e-6	0	%100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
13	M27	X	-.586	-.586	0	%100
14	M27	Z	-.3383	-.3383	0	%100
15	M28	X	-.1387	-.1387	0	%100
16	M28	Z	-.0801	-.0801	0	%100
17	M58	X	-.556	-.556	0	%100
18	M58	Z	-.321	-.321	0	%100
19	M118	X	-.1395	-.1395	0	%100
20	M118	Z	-.0805	-.0805	0	%100
21	M6A	X	-.2317	-.2317	0	%100
22	M6A	Z	-.1338	-.1338	0	%100
23	M29	X	-.2317	-.2317	0	%100
24	M29	Z	-.1338	-.1338	0	%100
25	M59	X	-.9267	-.9267	0	%100
26	M59	Z	-.535	-.535	0	%100
27	M21	X	-.4597	-.4597	0	%100
28	M21	Z	-.2654	-.2654	0	%100
29	M22	X	-1.8432	-1.8432	0	%100
30	M22	Z	-1.0641	-1.0641	0	%100
31	M23	X	-.4625	-.4625	0	%100
32	M23	Z	-.267	-.267	0	%100
33	M24	X	-.1412	-.1412	0	%100
34	M24	Z	-.0815	-.0815	0	%100
35	M25	X	-.5664	-.5664	0	%100
36	M25	Z	-.327	-.327	0	%100
37	M26A	X	-.1421	-.1421	0	%100
38	M26A	Z	-.082	-.082	0	%100
39	M27A	X	-.4597	-.4597	0	%100
40	M27A	Z	-.2654	-.2654	0	%100
41	M28A	X	-1.8432	-1.8432	0	%100
42	M28A	Z	-1.0641	-1.0641	0	%100
43	M29A	X	-.4625	-.4625	0	%100
44	M29A	Z	-.267	-.267	0	%100
45	M30A	X	-.1387	-.1387	0	%100
46	M30A	Z	-.0801	-.0801	0	%100
47	M31A	X	-.556	-.556	0	%100
48	M31A	Z	-.321	-.321	0	%100
49	M32	X	-.1395	-.1395	0	%100
50	M32	Z	-.0805	-.0805	0	%100
51	MP2A	X	-.4402	-.4402	0	%100
52	MP2A	Z	-.2541	-.2541	0	%100
53	MP3A	X	-.4402	-.4402	0	%100
54	MP3A	Z	-.2541	-.2541	0	%100
55	MP4A	X	-.4402	-.4402	0	%100
56	MP4A	Z	-.2541	-.2541	0	%100
57	M39	X	-.1105	-.1105	0	%100
58	M39	Z	-.0638	-.0638	0	%100
59	M44	X	-.1096	-.1096	0	%100
60	M44	Z	-.0633	-.0633	0	%100
61	M49	X	-.4402	-.4402	0	%100
62	M49	Z	-.2541	-.2541	0	%100
63	M60A	X	-.6503	-.6503	0	%100
64	M60A	Z	-.3755	-.3755	0	%100
65	M61A	X	-.1626	-.1626	0	%100
66	M61A	Z	-.0939	-.0939	0	%100
67	M62	X	-.1626	-.1626	0	%100
68	M62	Z	-.0939	-.0939	0	%100
69	M63	X	-.6449	-.6449	0	%100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
70	M63	Z	-.3723	-.3723	0	%100
71	M64	X	-.1416	-.1416	0	%100
72	M64	Z	-.0818	-.0818	0	%100
73	MP1C	X	-.4402	-.4402	0	%100
74	MP1C	Z	-.2541	-.2541	0	%100
75	MP2C	X	-.4402	-.4402	0	%100
76	MP2C	Z	-.2541	-.2541	0	%100
77	MP3C	X	-.4402	-.4402	0	%100
78	MP3C	Z	-.2541	-.2541	0	%100
79	MP4C	X	-.4402	-.4402	0	%100
80	MP4C	Z	-.2541	-.2541	0	%100
81	MP1B	X	-.4402	-.4402	0	%100
82	MP1B	Z	-.2541	-.2541	0	%100
83	MP2B	X	-.4402	-.4402	0	%100
84	MP2B	Z	-.2541	-.2541	0	%100
85	MP3B	X	-.4402	-.4402	0	%100
86	MP3B	Z	-.2541	-.2541	0	%100
87	MP4B	X	-.4402	-.4402	0	%100
88	MP4B	Z	-.2541	-.2541	0	%100
89	M85A	X	-.3783	-.3783	0	%100
90	M85A	Z	-.2184	-.2184	0	%100
91	M86	X	-.0963	-.0963	0	%100
92	M86	Z	-.0556	-.0556	0	%100
93	M87A	X	-.0929	-.0929	0	%100
94	M87A	Z	-.0536	-.0536	0	%100
95	OVP	X	-.4012	-.4012	0	%100
96	OVP	Z	-.2316	-.2316	0	%100
97	M86A	X	-.1413	-.1413	0	%100
98	M86A	Z	-.0816	-.0816	0	%100
99	M87B	X	-.6444	-.6444	0	%100
100	M87B	Z	-.372	-.372	0	%100
101	M88A	X	-.4744	-.4744	0	%100
102	M88A	Z	-.2739	-.2739	0	%100
103	M89	X	-.4745	-.4745	0	%100
104	M89	Z	-.2739	-.2739	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg))

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M1	X	-.0811	-.0811	0	%100
2	M1	Z	-.1404	-.1404	0	%100
3	M17A	X	-.3244	-.3244	0	%100
4	M17A	Z	-.5619	-.5619	0	%100
5	M47	X	-.0811	-.0811	0	%100
6	M47	Z	-.1404	-.1404	0	%100
7	MP1A	X	-.2541	-.2541	0	%100
8	MP1A	Z	-.4402	-.4402	0	%100
9	M6	X	-.4513	-.4513	0	%100
10	M6	Z	-.7817	-.7817	0	%100
11	M26	X	-.1137	-.1137	0	%100
12	M26	Z	-.1969	-.1969	0	%100
13	M27	X	-.1128	-.1128	0	%100
14	M27	Z	-.1953	-.1953	0	%100
15	M28	X	0	0	0	%100
16	M28	Z	0	0	0	%100
17	M58	X	-.2407	-.2407	0	%100
18	M58	Z	-.4169	-.4169	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
19	M118	X	-.2411	-.2411	0	%100
20	M118	Z	-.4175	-.4175	0	%100
21	M6A	X	-.4013	-.4013	0	%100
22	M6A	Z	-.695	-.695	0	%100
23	M29	X	0	0	0	%100
24	M29	Z	0	0	0	%100
25	M59	X	-.4013	-.4013	0	%100
26	M59	Z	-.695	-.695	0	%100
27	M21	X	-1e-6	-1e-6	0	%100
28	M21	Z	-1e-6	-1e-6	0	%100
29	M22	X	-.7978	-.7978	0	%100
30	M22	Z	-1.3818	-1.3818	0	%100
31	M23	X	-.7991	-.7991	0	%100
32	M23	Z	-1.384	-1.384	0	%100
33	M24	X	0	0	0	%100
34	M24	Z	0	0	0	%100
35	M25	X	-.2451	-.2451	0	%100
36	M25	Z	-.4246	-.4246	0	%100
37	M26A	X	-.2455	-.2455	0	%100
38	M26A	Z	-.4253	-.4253	0	%100
39	M27A	X	-1e-6	-1e-6	0	%100
40	M27A	Z	-1e-6	-1e-6	0	%100
41	M28A	X	-.7978	-.7978	0	%100
42	M28A	Z	-1.3818	-1.3818	0	%100
43	M29A	X	-.7991	-.7991	0	%100
44	M29A	Z	-1.384	-1.384	0	%100
45	M30A	X	0	0	0	%100
46	M30A	Z	0	0	0	%100
47	M31A	X	-.2407	-.2407	0	%100
48	M31A	Z	-.4169	-.4169	0	%100
49	M32	X	-.2411	-.2411	0	%100
50	M32	Z	-.4175	-.4175	0	%100
51	MP2A	X	-.2541	-.2541	0	%100
52	MP2A	Z	-.4402	-.4402	0	%100
53	MP3A	X	-.2541	-.2541	0	%100
54	MP3A	Z	-.4402	-.4402	0	%100
55	MP4A	X	-.2541	-.2541	0	%100
56	MP4A	Z	-.4402	-.4402	0	%100
57	M39	X	-.1908	-.1908	0	%100
58	M39	Z	-.3305	-.3305	0	%100
59	M44	X	0	0	0	%100
60	M44	Z	0	0	0	%100
61	M49	X	-.1904	-.1904	0	%100
62	M49	Z	-.3297	-.3297	0	%100
63	M60A	X	-.2816	-.2816	0	%100
64	M60A	Z	-.4877	-.4877	0	%100
65	M61A	X	-.2816	-.2816	0	%100
66	M61A	Z	-.4877	-.4877	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M63	X	-.4037	-.4037	0	%100
70	M63	Z	-.6992	-.6992	0	%100
71	M64	X	-.1131	-.1131	0	%100
72	M64	Z	-.1959	-.1959	0	%100
73	MP1C	X	-.2541	-.2541	0	%100
74	MP1C	Z	-.4402	-.4402	0	%100
75	MP2C	X	-.2541	-.2541	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
76	MP2C	Z	-.4402	-.4402	0	%100
77	MP3C	X	-.2541	-.2541	0	%100
78	MP3C	Z	-.4402	-.4402	0	%100
79	MP4C	X	-.2541	-.2541	0	%100
80	MP4C	Z	-.4402	-.4402	0	%100
81	MP1B	X	-.2541	-.2541	0	%100
82	MP1B	Z	-.4402	-.4402	0	%100
83	MP2B	X	-.2541	-.2541	0	%100
84	MP2B	Z	-.4402	-.4402	0	%100
85	MP3B	X	-.2541	-.2541	0	%100
86	MP3B	Z	-.4402	-.4402	0	%100
87	MP4B	X	-.2541	-.2541	0	%100
88	MP4B	Z	-.4402	-.4402	0	%100
89	M85A	X	-.1628	-.1628	0	%100
90	M85A	Z	-.282	-.282	0	%100
91	M86	X	-.1648	-.1648	0	%100
92	M86	Z	-.2855	-.2855	0	%100
93	M87A	X	-6e-6	-6e-6	0	%100
94	M87A	Z	-1.1e-5	-1.1e-5	0	%100
95	OVP	X	-.2316	-.2316	0	%100
96	OVP	Z	-.4012	-.4012	0	%100
97	M86A	X	-.2113	-.2113	0	%100
98	M86A	Z	-.366	-.366	0	%100
99	M87B	X	-.2112	-.2112	0	%100
100	M87B	Z	-.3658	-.3658	0	%100
101	M88A	X	-.1129	-.1129	0	%100
102	M88A	Z	-.1955	-.1955	0	%100
103	M89	X	-.4034	-.4034	0	%100
104	M89	Z	-.6987	-.6987	0	%100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M26	Y	-.2912	-2.5723	0	.7804
2	M26	Y	-2.5723	-5.232	.7804	1.5608
3	M26	Y	-5.232	-7.0226	1.5608	2.3412
4	M26	Y	-7.0226	-7.0913	2.3412	3.1216
5	M26	Y	-7.0913	-6.335	3.1216	3.902
6	M27	Y	-.4548	-2.5588	0	.7794
7	M27	Y	-2.5588	-5.0834	.7794	1.5588
8	M27	Y	-5.0834	-6.9997	1.5588	2.3383
9	M27	Y	-6.9997	-7.0851	2.3383	3.1177
10	M27	Y	-7.0851	-6.3684	3.1177	3.8971
11	M28	Y	-.0632	-.2877	0	.2292
12	M28	Y	-.2877	-.5122	.2292	.4583
13	M29	Y	-5.4627	-5.0986	0	1.45
14	M29	Y	-5.0986	-4.5908	1.45	2.9
15	M29	Y	-4.5908	-5.3031	2.9	4.35
16	M29	Y	-5.3031	-5.6765	4.35	5.8
17	M29	Y	-5.6765	-4.3471	5.8	7.25
18	M21	Y	-.5715	-2.392	0	1.2333
19	M21	Y	-2.392	-4.1139	1.2333	2.4667
20	M21	Y	-4.1139	-5.3258	2.4667	3.7
21	M21	Y	-5.3258	-5.2756	3.7	4.9333
22	M21	Y	-5.2756	-4.3747	4.9333	6.1667
23	M24	Y	.2246	-3.1112	0	.3752
24	M24	Y	-3.1112	-7.3455	.3752	.7504

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
25	M27A	Y	-7.2561	-5.2863	0	1.2333
26	M27A	Y	-5.2863	-4.4514	1.2333	2.4667
27	M27A	Y	-4.4514	-3.87	2.4667	3.7
28	M27A	Y	-3.87	-2.2356	3.7	4.9333
29	M27A	Y	-2.2356	-.4298	4.9333	6.1667
30	M30A	Y	-.5112	-.2872	0	.229
31	M30A	Y	-.2872	-.0631	.229	.4579
32	M6	Y	-.2902	-2.568	0	.7804
33	M6	Y	-2.568	-5.224	.7804	1.5608
34	M6	Y	-5.224	-7.0087	1.5608	2.3412
35	M6	Y	-7.0087	-7.082	2.3412	3.1216
36	M6	Y	-7.082	-6.3431	3.1216	3.902
37	M118	Y	-.0632	-.2876	0	.2292
38	M118	Y	-.2876	-.5119	.2292	.4583
39	M6A	Y	-4.3261	-5.6516	0	1.45
40	M6A	Y	-5.6516	-5.2833	1.45	2.9
41	M6A	Y	-5.2833	-4.5836	2.9	4.35
42	M6A	Y	-4.5836	-5.1032	4.35	5.8
43	M6A	Y	-5.1032	-5.4797	5.8	7.25
44	M23	Y	-.432	-2.2418	0	1.2333
45	M23	Y	-2.2418	-3.8785	1.2333	2.4667
46	M23	Y	-3.8785	-4.4572	2.4667	3.7
47	M23	Y	-4.4572	-5.2846	3.7	4.9333
48	M23	Y	-5.2846	-7.2458	4.9333	6.1667
49	M26A	Y	-7.3307	-3.1059	0	.3752
50	M26A	Y	-3.1059	.2238	.3752	.7504
51	M29A	Y	-4.3495	-5.2464	0	1.2333
52	M29A	Y	-5.2464	-5.3032	1.2333	2.4667
53	M29A	Y	-5.3032	-4.1083	2.4667	3.7
54	M29A	Y	-4.1083	-2.3994	3.7	4.9333
55	M29A	Y	-2.3994	-.5882	4.9333	6.1667
56	M32	Y	-.5184	-.2915	0	.2332
57	M32	Y	-.2915	-.0645	.2332	.4664
58	M58	Y	-.0632	-.287	0	.2292
59	M58	Y	-.287	-.5108	.2292	.4583
60	M59	Y	-4.3261	-5.6438	0	1.45
61	M59	Y	-5.6438	-5.2725	1.45	2.9
62	M59	Y	-5.2725	-4.5716	2.9	4.35
63	M59	Y	-4.5716	-5.0857	4.35	5.8
64	M59	Y	-5.0857	-5.455	5.8	7.25
65	M22	Y	-.4294	-2.2314	0	1.2333
66	M22	Y	-2.2314	-3.8623	1.2333	2.4667
67	M22	Y	-3.8623	-4.442	2.4667	3.7
68	M22	Y	-4.442	-5.2714	3.7	4.9333
69	M22	Y	-5.2714	-7.2306	4.9333	6.1667
70	M25	Y	-7.3132	-3.0982	0	.3752
71	M25	Y	-3.0982	.2233	.3752	.7504
72	M28A	Y	-4.3399	-5.2376	0	1.2333
73	M28A	Y	-5.2376	-5.2957	1.2333	2.4667
74	M28A	Y	-5.2957	-4.1024	2.4667	3.7
75	M28A	Y	-4.1024	-2.3955	3.7	4.9333
76	M28A	Y	-2.3955	-.5869	4.9333	6.1667
77	M31A	Y	-.5179	-.2912	0	.2332
78	M31A	Y	-.2912	-.0645	.2332	.4664

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M26	Y	-.728	-6.4307	0	.7804
2	M26	Y	-6.4307	-13.0801	.7804	1.5608
3	M26	Y	-13.0801	-17.5565	1.5608	2.3412
4	M26	Y	-17.5565	-17.7282	2.3412	3.1216
5	M26	Y	-17.7282	-15.8374	3.1216	3.902
6	M27	Y	-1.1371	-6.3971	0	.7794
7	M27	Y	-6.3971	-12.7084	.7794	1.5588
8	M27	Y	-12.7084	-17.4993	1.5588	2.3383
9	M27	Y	-17.4993	-17.7128	2.3383	3.1177
10	M27	Y	-17.7128	-15.9209	3.1177	3.8971
11	M28	Y	-.158	-.7192	0	.2292
12	M28	Y	-.7192	-1.2805	.2292	.4583
13	M29	Y	-13.6567	-12.7465	0	1.45
14	M29	Y	-12.7465	-11.4769	1.45	2.9
15	M29	Y	-11.4769	-13.2577	2.9	4.35
16	M29	Y	-13.2577	-14.1913	4.35	5.8
17	M29	Y	-14.1913	-10.8676	5.8	7.25
18	M21	Y	-1.4287	-5.9799	0	1.2333
19	M21	Y	-5.9799	-10.2848	1.2333	2.4667
20	M21	Y	-10.2848	-13.3146	2.4667	3.7
21	M21	Y	-13.3146	-13.189	3.7	4.9333
22	M21	Y	-13.189	-10.9368	4.9333	6.1667
23	M24	Y	.5615	-7.778	0	.3752
24	M24	Y	-7.778	-18.3637	.3752	.7504
25	M27A	Y	-18.1404	-13.2157	0	1.2333
26	M27A	Y	-13.2157	-11.1285	1.2333	2.4667
27	M27A	Y	-11.1285	-9.675	2.4667	3.7
28	M27A	Y	-9.675	-5.589	3.7	4.9333
29	M27A	Y	-5.589	-1.0745	4.9333	6.1667
30	M30A	Y	-1.278	-.7179	0	.229
31	M30A	Y	-.7179	-.1578	.229	.4579
32	M6	Y	-.7255	-6.4199	0	.7804
33	M6	Y	-6.4199	-13.0599	.7804	1.5608
34	M6	Y	-13.0599	-17.5217	1.5608	2.3412
35	M6	Y	-17.5217	-17.7049	2.3412	3.1216
36	M6	Y	-17.7049	-15.8579	3.1216	3.902
37	M118	Y	-.158	-.7189	0	.2292
38	M118	Y	-.7189	-1.2798	.2292	.4583
39	M6A	Y	-10.8153	-14.129	0	1.45
40	M6A	Y	-14.129	-13.2084	1.45	2.9
41	M6A	Y	-13.2084	-11.459	2.9	4.35
42	M6A	Y	-11.459	-12.7579	4.35	5.8
43	M6A	Y	-12.7579	-13.6993	5.8	7.25
44	M23	Y	-1.08	-5.6046	0	1.2333
45	M23	Y	-5.6046	-9.6962	1.2333	2.4667
46	M23	Y	-9.6962	-11.1429	2.4667	3.7
47	M23	Y	-11.1429	-13.2116	3.7	4.9333
48	M23	Y	-13.2116	-18.1144	4.9333	6.1667
49	M26A	Y	-18.3268	-7.7647	0	.3752
50	M26A	Y	-7.7647	.5595	.3752	.7504
51	M29A	Y	-10.8737	-13.1159	0	1.2333
52	M29A	Y	-13.1159	-13.2579	1.2333	2.4667
53	M29A	Y	-13.2579	-10.2707	2.4667	3.7
54	M29A	Y	-10.2707	-5.9985	3.7	4.9333
55	M29A	Y	-5.9985	-1.4706	4.9333	6.1667
56	M32	Y	-1.2961	-.7287	0	.2332
57	M32	Y	-.7287	-.1613	.2332	.4664

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
58	M58	Y	-.1579	-.7175	0	.2292
59	M58	Y	-.7175	-1.2771	.2292	.4583
60	M59	Y	-10.8152	-14.1096	0	1.45
61	M59	Y	-14.1096	-13.1812	1.45	2.9
62	M59	Y	-13.1812	-11.4291	2.9	4.35
63	M59	Y	-11.4291	-12.7142	4.35	5.8
64	M59	Y	-12.7142	-13.6375	5.8	7.25
65	M22	Y	-1.0735	-5.5785	0	1.2333
66	M22	Y	-5.5785	-9.6557	1.2333	2.4667
67	M22	Y	-9.6557	-11.1049	2.4667	3.7
68	M22	Y	-11.1049	-13.1784	3.7	4.9333
69	M22	Y	-13.1784	-18.0764	4.9333	6.1667
70	M25	Y	-18.2829	-7.7456	0	.3752
71	M25	Y	-7.7456	.5583	.3752	.7504
72	M28A	Y	-10.8498	-13.0939	0	1.2333
73	M28A	Y	-13.0939	-13.2391	1.2333	2.4667
74	M28A	Y	-13.2391	-10.256	2.4667	3.7
75	M28A	Y	-10.256	-5.9889	3.7	4.9333
76	M28A	Y	-5.9889	-1.4671	4.9333	6.1667
77	M31A	Y	-1.2948	-.728	0	.2332
78	M31A	Y	-.728	-.1612	.2332	.4664

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M26	Y	-.0128	-.1133	0	.7804
2	M26	Y	-.1133	-.2304	.7804	1.5608
3	M26	Y	-.2304	-.3093	1.5608	2.3412
4	M26	Y	-.3093	-.3123	2.3412	3.1216
5	M26	Y	-.3123	-.279	3.1216	3.902
6	M27	Y	-.02	-.1127	0	.7794
7	M27	Y	-.1127	-.2239	.7794	1.5588
8	M27	Y	-.2239	-.3083	1.5588	2.3383
9	M27	Y	-.3083	-.312	2.3383	3.1177
10	M27	Y	-.312	-.2805	3.1177	3.8971
11	M28	Y	-.0028	-.0127	0	.2292
12	M28	Y	-.0127	-.0226	.2292	.4583
13	M29	Y	-.2406	-.2245	0	1.45
14	M29	Y	-.2245	-.2022	1.45	2.9
15	M29	Y	-.2022	-.2335	2.9	4.35
16	M29	Y	-.2335	-.25	4.35	5.8
17	M29	Y	-.25	-.1914	5.8	7.25
18	M21	Y	-.0252	-.1053	0	1.2333
19	M21	Y	-.1053	-.1812	1.2333	2.4667
20	M21	Y	-.1812	-.2345	2.4667	3.7
21	M21	Y	-.2345	-.2323	3.7	4.9333
22	M21	Y	-.2323	-.1927	4.9333	6.1667
23	M24	Y	.0099	-.137	0	.3752
24	M24	Y	-.137	-.3235	.3752	.7504
25	M27A	Y	-.3195	-.2328	0	1.2333
26	M27A	Y	-.2328	-.196	1.2333	2.4667
27	M27A	Y	-.196	-.1704	2.4667	3.7
28	M27A	Y	-.1704	-.0985	3.7	4.9333
29	M27A	Y	-.0985	-.0189	4.9333	6.1667
30	M30A	Y	-.0225	-.0126	0	.229
31	M30A	Y	-.0126	-.0028	.229	.4579
32	M6	Y	-.0128	-.1131	0	.7804

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
33	M6	Y	-.1131	-.2301	.7804	1.5608
34	M6	Y	-.2301	-.3087	1.5608	2.3412
35	M6	Y	-.3087	-.3119	2.3412	3.1216
36	M6	Y	-.3119	-.2793	3.1216	3.902
37	M118	Y	-.0028	-.0127	0	.2292
38	M118	Y	-.0127	-.0225	.2292	.4583
39	M6A	Y	-.1905	-.2489	0	1.45
40	M6A	Y	-.2489	-.2327	1.45	2.9
41	M6A	Y	-.2327	-.2019	2.9	4.35
42	M6A	Y	-.2019	-.2247	4.35	5.8
43	M6A	Y	-.2247	-.2413	5.8	7.25
44	M23	Y	-.019	-.0987	0	1.2333
45	M23	Y	-.0987	-.1708	1.2333	2.4667
46	M23	Y	-.1708	-.1963	2.4667	3.7
47	M23	Y	-.1963	-.2327	3.7	4.9333
48	M23	Y	-.2327	-.3191	4.9333	6.1667
49	M26A	Y	-.3228	-.1368	0	.3752
50	M26A	Y	-.1368	.0099	.3752	.7504
51	M29A	Y	-.1915	-.231	0	1.2333
52	M29A	Y	-.231	-.2335	1.2333	2.4667
53	M29A	Y	-.2335	-.1809	2.4667	3.7
54	M29A	Y	-.1809	-.1057	3.7	4.9333
55	M29A	Y	-.1057	-.0259	4.9333	6.1667
56	M32	Y	-.0228	-.0128	0	.2332
57	M32	Y	-.0128	-.0028	.2332	.4664
58	M58	Y	-.0028	-.0126	0	.2292
59	M58	Y	-.0126	-.0225	.2292	.4583
60	M59	Y	-.1905	-.2485	0	1.45
61	M59	Y	-.2485	-.2322	1.45	2.9
62	M59	Y	-.2322	-.2013	2.9	4.35
63	M59	Y	-.2013	-.224	4.35	5.8
64	M59	Y	-.224	-.2402	5.8	7.25
65	M22	Y	-.0189	-.0983	0	1.2333
66	M22	Y	-.0983	-.1701	1.2333	2.4667
67	M22	Y	-.1701	-.1956	2.4667	3.7
68	M22	Y	-.1956	-.2321	3.7	4.9333
69	M22	Y	-.2321	-.3184	4.9333	6.1667
70	M25	Y	-.3221	-.1364	0	.3752
71	M25	Y	-.1364	.0098	.3752	.7504
72	M28A	Y	-.1911	-.2307	0	1.2333
73	M28A	Y	-.2307	-.2332	1.2333	2.4667
74	M28A	Y	-.2332	-.1807	2.4667	3.7
75	M28A	Y	-.1807	-.1055	3.7	4.9333
76	M28A	Y	-.1055	-.0258	4.9333	6.1667
77	M31A	Y	-.0228	-.0128	0	.2332
78	M31A	Y	-.0128	-.0028	.2332	.4664

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M26	Z	-.032	-.2825	0	.7804
2	M26	Z	-.2825	-.5745	.7804	1.5608
3	M26	Z	-.5745	-.7711	1.5608	2.3412
4	M26	Z	-.7711	-.7787	2.3412	3.1216
5	M26	Z	-.7787	-.6956	3.1216	3.902
6	M27	Z	-.0499	-.281	0	.7794
7	M27	Z	-.281	-.5582	.7794	1.5588

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
8	M27	Z	-.5582	-.7686	1.5588	2.3383
9	M27	Z	-.7686	-.778	2.3383	3.1177
10	M27	Z	-.778	-.6993	3.1177	3.8971
11	M28	Z	-.0069	-.0316	0	.2292
12	M28	Z	-.0316	-.0562	.2292	.4583
13	M29	Z	-.5998	-.5599	0	1.45
14	M29	Z	-.5599	-.5041	1.45	2.9
15	M29	Z	-.5041	-.5823	2.9	4.35
16	M29	Z	-.5823	-.6233	4.35	5.8
17	M29	Z	-.6233	-.4773	5.8	7.25
18	M21	Z	-.0628	-.2627	0	1.2333
19	M21	Z	-.2627	-.4517	1.2333	2.4667
20	M21	Z	-.4517	-.5848	2.4667	3.7
21	M21	Z	-.5848	-.5793	3.7	4.9333
22	M21	Z	-.5793	-.4804	4.9333	6.1667
23	M24	Z	.0247	-.3416	0	.3752
24	M24	Z	-.3416	-.8066	.3752	.7504
25	M27A	Z	-.7968	-.5805	0	1.2333
26	M27A	Z	-.5805	-.4888	1.2333	2.4667
27	M27A	Z	-.4888	-.425	2.4667	3.7
28	M27A	Z	-.425	-.2455	3.7	4.9333
29	M27A	Z	-.2455	-.0472	4.9333	6.1667
30	M30A	Z	-.0561	-.0315	0	.229
31	M30A	Z	-.0315	-.0069	.229	.4579
32	M6	Z	-.0319	-.282	0	.7804
33	M6	Z	-.282	-.5736	.7804	1.5608
34	M6	Z	-.5736	-.7696	1.5608	2.3412
35	M6	Z	-.7696	-.7777	2.3412	3.1216
36	M6	Z	-.7777	-.6965	3.1216	3.902
37	M118	Z	-.0069	-.0316	0	.2292
38	M118	Z	-.0316	-.0562	.2292	.4583
39	M6A	Z	-.475	-.6206	0	1.45
40	M6A	Z	-.6206	-.5802	1.45	2.9
41	M6A	Z	-.5802	-.5033	2.9	4.35
42	M6A	Z	-.5033	-.5604	4.35	5.8
43	M6A	Z	-.5604	-.6017	5.8	7.25
44	M23	Z	-.0474	-.2462	0	1.2333
45	M23	Z	-.2462	-.4259	1.2333	2.4667
46	M23	Z	-.4259	-.4894	2.4667	3.7
47	M23	Z	-.4894	-.5803	3.7	4.9333
48	M23	Z	-.5803	-.7956	4.9333	6.1667
49	M26A	Z	-.805	-.3411	0	.3752
50	M26A	Z	-.3411	.0246	.3752	.7504
51	M29A	Z	-.4776	-.5761	0	1.2333
52	M29A	Z	-.5761	-.5823	1.2333	2.4667
53	M29A	Z	-.5823	-.4511	2.4667	3.7
54	M29A	Z	-.4511	-.2635	3.7	4.9333
55	M29A	Z	-.2635	-.0646	4.9333	6.1667
56	M32	Z	-.0569	-.032	0	.2332
57	M32	Z	-.032	-.0071	.2332	.4664
58	M58	Z	-.0069	-.0315	0	.2292
59	M58	Z	-.0315	-.0561	.2292	.4583
60	M59	Z	-.475	-.6197	0	1.45
61	M59	Z	-.6197	-.579	1.45	2.9
62	M59	Z	-.579	-.502	2.9	4.35
63	M59	Z	-.502	-.5584	4.35	5.8
64	M59	Z	-.5584	-.599	5.8	7.25

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
65	M22	Z	-.0472	-.245	0	1.2333
66	M22	Z	-.245	-.4241	1.2333	2.4667
67	M22	Z	-.4241	-.4878	2.4667	3.7
68	M22	Z	-.4878	-.5788	3.7	4.9333
69	M22	Z	-.5788	-.794	4.9333	6.1667
70	M25	Z	-.803	-.3402	0	.3752
71	M25	Z	-.3402	.0245	.3752	.7504
72	M28A	Z	-.4766	-.5751	0	1.2333
73	M28A	Z	-.5751	-.5815	1.2333	2.4667
74	M28A	Z	-.5815	-.4505	2.4667	3.7
75	M28A	Z	-.4505	-.263	3.7	4.9333
76	M28A	Z	-.263	-.0644	4.9333	6.1667
77	M31A	Z	-.0569	-.032	0	.2332
78	M31A	Z	-.032	-.0071	.2332	.4664

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
1	M26	X	.032	.2825	0	.7804
2	M26	X	.2825	.5745	.7804	1.5608
3	M26	X	.5745	.7711	1.5608	2.3412
4	M26	X	.7711	.7787	2.3412	3.1216
5	M26	X	.7787	.6956	3.1216	3.902
6	M27	X	.0499	.281	0	.7794
7	M27	X	.281	.5582	.7794	1.5588
8	M27	X	.5582	.7686	1.5588	2.3383
9	M27	X	.7686	.778	2.3383	3.1177
10	M27	X	.778	.6993	3.1177	3.8971
11	M28	X	.0069	.0316	0	.2292
12	M28	X	.0316	.0562	.2292	.4583
13	M29	X	.5998	.5599	0	1.45
14	M29	X	.5599	.5041	1.45	2.9
15	M29	X	.5041	.5823	2.9	4.35
16	M29	X	.5823	.6233	4.35	5.8
17	M29	X	.6233	.4773	5.8	7.25
18	M21	X	.0628	.2627	0	1.2333
19	M21	X	.2627	.4517	1.2333	2.4667
20	M21	X	.4517	.5848	2.4667	3.7
21	M21	X	.5848	.5793	3.7	4.9333
22	M21	X	.5793	.4804	4.9333	6.1667
23	M24	X	-.0247	.3416	0	.3752
24	M24	X	.3416	.8066	.3752	.7504
25	M27A	X	.7968	.5805	0	1.2333
26	M27A	X	.5805	.4888	1.2333	2.4667
27	M27A	X	.4888	.425	2.4667	3.7
28	M27A	X	.425	.2455	3.7	4.9333
29	M27A	X	.2455	.0472	4.9333	6.1667
30	M30A	X	.0561	.0315	0	.229
31	M30A	X	.0315	.0069	.229	.4579
32	M6	X	.0319	.282	0	.7804
33	M6	X	.282	.5736	.7804	1.5608
34	M6	X	.5736	.7696	1.5608	2.3412
35	M6	X	.7696	.7777	2.3412	3.1216
36	M6	X	.7777	.6965	3.1216	3.902
37	M118	X	.0069	.0316	0	.2292
38	M118	X	.0316	.0562	.2292	.4583
39	M6A	X	.475	.6206	0	1.45

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[l...	Start Location[ft,...	End Location[ft,...
40	M6A	X	.6206	.5802	1.45	2.9
41	M6A	X	.5802	.5033	2.9	4.35
42	M6A	X	.5033	.5604	4.35	5.8
43	M6A	X	.5604	.6017	5.8	7.25
44	M23	X	.0474	.2462	0	1.2333
45	M23	X	.2462	.4259	1.2333	2.4667
46	M23	X	.4259	.4894	2.4667	3.7
47	M23	X	.4894	.5803	3.7	4.9333
48	M23	X	.5803	.7956	4.9333	6.1667
49	M26A	X	.805	.3411	0	.3752
50	M26A	X	.3411	-.0246	.3752	.7504
51	M29A	X	.4776	.5761	0	1.2333
52	M29A	X	.5761	.5823	1.2333	2.4667
53	M29A	X	.5823	.4511	2.4667	3.7
54	M29A	X	.4511	.2635	3.7	4.9333
55	M29A	X	.2635	.0646	4.9333	6.1667
56	M32	X	.0569	.032	0	.2332
57	M32	X	.032	.0071	.2332	.4664
58	M58	X	.0069	.0315	0	.2292
59	M58	X	.0315	.0561	.2292	.4583
60	M59	X	.475	.6197	0	1.45
61	M59	X	.6197	.579	1.45	2.9
62	M59	X	.579	.502	2.9	4.35
63	M59	X	.502	.5584	4.35	5.8
64	M59	X	.5584	.599	5.8	7.25
65	M22	X	.0472	.245	0	1.2333
66	M22	X	.245	.4241	1.2333	2.4667
67	M22	X	.4241	.4878	2.4667	3.7
68	M22	X	.4878	.5788	3.7	4.9333
69	M22	X	.5788	.794	4.9333	6.1667
70	M25	X	.803	.3402	0	.3752
71	M25	X	.3402	-.0245	.3752	.7504
72	M28A	X	.4766	.5751	0	1.2333
73	M28A	X	.5751	.5815	1.2333	2.4667
74	M28A	X	.5815	.4505	2.4667	3.7
75	M28A	X	.4505	.263	3.7	4.9333
76	M28A	X	.263	.0644	4.9333	6.1667
77	M31A	X	.0569	.032	0	.2332
78	M31A	X	.032	.0071	.2332	.4664

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N34	N17	N35A	N38A	Y	Two Way	-.0052
2	N34	N17	N15	N16	Y	Two Way	-.0052
3	N16	N15	N35A	N38A	Y	Two Way	-.0052

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N34	N17	N35A	N38A	Y	Two Way	-.013
2	N34	N17	N15	N16	Y	Two Way	-.013
3	N16	N15	N35A	N38A	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]

Member Area Loads (BLC 84 : Structure Ev) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N34	N17	N35A	N38A	Y	Two Way	-.000229
2	N34	N17	N15	N16	Y	Two Way	-.000229
3	N16	N15	N35A	N38A	Y	Two Way	-.000229

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N34	N17	N35A	N38A	Z	Two Way	-.000571
2	N34	N17	N15	N16	Z	Two Way	-.000571
3	N16	N15	N35A	N38A	Z	Two Way	-.000571

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N34	N17	N35A	N38A	X	Two Way	.000571
2	N34	N17	N15	N16	X	Two Way	.000571
3	N16	N15	N35A	N38A	X	Two Way	.000571

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	L...	MZ [k-ft]	LC
1	N2	...	2411.513	9	1615.58	23	1447.733	1	-1.11	70	1.418	8	.544	5
2		...	-2329.656	3	522.563	70	-1965.02	7	-3.311	20	-1.225	2	-.482	11
3	N32	...	1816.917	10	1660.278	21	2231.557	1	1.607	23	1.423	8	2.994	17
4		...	-2381.138	4	512.41	66	-2166.474	7	.24	5	-1.199	2	.938	64
5	N87	...	2083.071	10	1558.094	17	2353.413	1	1.693	14	1.238	12	-.879	75
6		...	-1730.507	4	479.846	74	-2002.903	7	.271	7	-1.044	6	-2.799	19
7	N103	...	-71.123	36	1094.69	19	1461.398	19	0	38	0	4	0	4
8		...	-551.618	42	220.306	1	326.148	1	0	8	0	10	0	10
9	N145B	...	1475.621	15	1113.941	15	-2.072	9	0	3	0	12	0	3
10		...	266.972	9	152.855	9	-421.784	15	0	9	0	6	0	9
11	N148	...	-136.108	5	1078.631	23	-184.406	5	0	1	0	8	0	5
12		...	-1100.727	23	137.027	5	-970.661	23	0	7	0	2	0	11
13	Totals:	...	5577.194	10	7865.127	13	5639.158	1						
14		...	-5577.195	4	2532.961	71	-5639.158	7						

Envelope AISC 15th(360-16): LRFD Steel Code Checks

	Member	Shape	Code Check	Lo...	LC	Shear Check	Lo.....		LC	phi*Pnc ..	phi*Pnt [..	phi*Mn y...	phi*Mn...	Cb	Eqn
1	M1	HSS4X4X4	.239	0	20	.100	0	z	3	135936...	139518	16.181	16.181	1.714	H1-...
2	M17A	HSS4X4X4	.236	0	16	.113	0	z	5	135929...	139518	16.181	16.181	1.722	H1-...
3	M47	HSS4X4X4	.227	0	24	.098	0	z	1	135950...	139518	16.181	16.181	1.7	H1-...
4	MP1A	PIPE_2.0	.266	3	16	.149	3		17	20866.7...	32130	1.872	1.872	1.87	H1-...
5	M6	LL3x3x4x0	.099	0	6	.011	3....	z	12	76388.6...	93312	6.48	4.361	2.024	H1-...
6	M26	LL3x3x4x0	.102	0	3	.015	3....	z	2	76388.6...	93312	6.48	4.361	1.705	H1-...
7	M27	LL3x3x4x0	.098	0	10	.011	3....	z	4	76393.4...	93312	6.48	4.362	2.009	H1-...
8	M28	L3X3X4	.387	0	3	.090	0	y	9	15778.1...	46656	1.688	3.163	1.296	H2-1
9	M58	L3X3X4	.362	0	11	.087	0	y	5	15778.1...	46656	1.688	3.169	1.306	H2-1
10	M118	L3X3X4	.359	0	7	.085	0	y	1	15778.1...	46656	1.688	3.176	1.316	H2-1
11	M6A	L3X3X4	.256	3....	20	.017	3....	z	8	14708.7...	46656	1.688	3.265	1.525	H2-1
12	M29	L3X3X4	.283	3....	13	.833	7.25	y	9	14708.7...	46656	1.688	3.304	1.606	H2-1
13	M59	L3X3X4	.214	3....	24	.012	3....	z	20	14708.7...	46656	1.688	3.237	1.47	H2-1
14	M21	LL3x3x4x0	.213	2....	15	.045	0	y	9	60404.87	93312	6.48	4.254	1.88	H1-...
15	M22	LL3x3x4x0	.202	2....	23	.043	0	y	5	60404.87	93312	6.48	4.254	1.892	H1-...
16	M23	LL3x3x4x0	.246	2....	43	.042	0	y	1	60404.87	93312	6.48	4.254	1.704	H1-...
17	M24	L3X3X4	.475	.383	3	.346	.383	y	9	15778.1...	46656	1.688	3.188	1.336	H2-1
18	M25	L3X3X4	.483	.375	11	.342	.375	y	5	15778.1...	46656	1.688	3.1	1.201	H2-1

Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

	Member	Shape	Code Check	Lo...	LC	Shear Check	Lo.....		LC	phi*Pnc ..	phi*Pnt [..	phi*Mn y...	phi*Mn...	Cb	Eqn
19	M26A	L3X3X4	.481	.375	7	.307	.375	y	1	15778.1...	46656	1.688	3.107	1.211	H2-1
20	M27A	LL3x3x4x0	.146	0	11	.173	0	y	9	60404.87	93312	6.48	4.254	2.548	H1-...
21	M28A	LL3x3x4x0	.147	0	7	.171	0	y	5	60404.87	93312	6.48	4.254	2.564	H1-...
22	M29A	LL3x3x4x0	.146	0	3	.153	0	y	1	60404.87	93312	6.48	4.254	2.532	H1-...
23	M30A	L3X3X4	.229	.458	3	.071	.458	y	4	15778.1...	46656	1.688	3.227	1.402	H2-1
24	M31A	L3X3X4	.237	.466	11	.069	.466	y	12	15778.1...	46656	1.688	3.217	1.385	H2-1
25	M32	L3X3X4	.235	.466	7	.070	.466	y	8	15778.1...	46656	1.688	3.179	1.321	H2-1
26	MP2A	PIPE_2.0	.646	5	1	.130	6		6	14916.0...	32130	1.872	1.872	3.898	H1-...
27	MP3A	PIPE_2.0	.310	3	20	.205	3		20	20866.7...	32130	1.872	1.872	1.909	H1-...
28	MP4A	PIPE_2.0	.190	3	2	.086	3		7	20866.7...	32130	1.872	1.872	1.538	H1-...
29	M39	PIPE_2.0	.367	2....	20	.105	2....		13	5820.494	32130	1.872	1.872	2.541	H1-...
30	M44	PIPE_2.0	.398	2....	17	.116	2....		21	5820.494	32130	1.872	1.872	2.541	H1-...
31	M49	PIPE_2.0	.361	2....	24	.104	2....		17	5820.494	32130	1.872	1.872	2.519	H1-...
32	M60A	L3X3X4	.149	0	21	.010	1....	z	9	43508.4...	46656	1.688	3.756	1.128	H2-1
33	M61A	L3X3X4	.138	0	17	.009	1....	z	5	43508.4...	46656	1.688	3.756	1.147	H2-1
34	M62	L3X3X4	.151	0	37	.010	1....	z	37	43508.4...	46656	1.688	3.756	1.342	H2-1
35	M63	L2.5x2.5x3	.117	2....	19	.006	4....	z	12	15979.5...	29192.4	.873	1.683	1.136	H2-1
36	M64	L2.5x2.5x3	.095	2....	18	.005	0	y	3	16016.7...	29192.4	.873	1.684	1.136	H2-1
37	MP1C	PIPE_2.0	.254	3	24	.143	3		14	20866.7...	32130	1.872	1.872	1.835	H1-...
38	MP2C	PIPE_2.0	.685	5	3	.127	6		2	14916.0...	32130	1.872	1.872	2.174	H1-...
39	MP3C	PIPE_2.0	.334	3	16	.224	3		19	20866.7...	32130	1.872	1.872	2.022	H1-...
40	MP4C	PIPE_2.0	.212	3	4	.092	3		3	20866.7...	32130	1.872	1.872	1.497	H1-...
41	MP1B	PIPE_2.0	.270	3	44	.157	3		43	20866.7...	32130	1.872	1.872	1.875	H1-...
42	MP2B	PIPE_2.0	.673	5	11	.127	6		10	14916.0...	32130	1.872	1.872	2.303	H1-...
43	MP3B	PIPE_2.0	.304	3	24	.202	3		15	20866.7...	32130	1.872	1.872	1.76	H1-...
44	MP4B	PIPE_2.0	.203	3	6	.088	3		11	20866.7...	32130	1.872	1.872	1.543	H1-...
45	OVP	PIPE_2.0	.182	3	6	.018	3		6	26521.4...	32130	1.872	1.872	1.664	H1-...
46	M86A	L2.5x2.5x3	.124	2....	16	.006	0	z	8	15980.5...	29192.4	.873	1.684	1.136	H2-1
47	M87B	L2.5x2.5x3	.090	2....	15	.006	4.29	y	10	16014.0...	29192.4	.873	1.684	1.136	H2-1
48	M88A	L2.5x2.5x3	.118	2....	23	.006	4....	z	4	15982.33	29192.4	.873	1.684	1.136	H2-1
49	M89	L2.5x2.5x3	.091	2....	23	.006	4....	y	6	16015.7...	29192.4	.873	1.684	1.136	H2-1

Envelope AISI S100-16: LRFD Cold Formed Steel Code Checks

	Memb...	Shape	Code Check	Loc[...	LC	Shear Check	Loc.....		...	phi*P...	phi*T...	phi*M...	phi*M...	phi...	phi...	Cb	Eqn
1	M85A	P1000	.024	0	10	.024	0	z	10	1169...	1475...	.37	.658	212...	425...	1.1...	H2-1
2	M86	P1000	.022	0	6	.022	0	z	6	1169...	1475...	.37	.658	212...	425...	1.1...	H2-1
3	M87A	P1000	.022	0	2	.022	0	z	2	1169...	1475...	.37	.658	212...	425...	1.1...	H2-1

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/24/2023
Site Name:	MADISON 2 CT		
MDG #:	5000124943		
Fuze ID #:	17123802	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	No
Tower Connection Baseplate Checks	No

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/24/2023
Site Name:	MADISON 2 CT		
MDG #:	5000124943		
Fuze ID #:	17123802	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	(1) Stiffener on top/bottom
Stiffener Notch Present?	No
Stiffener Length, l (in):	3
Stiffener Spacing/Width, s (in):	
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	28.00
Z_x (in^3/in):	52.53
Z_y (in^3/in):	21.33
J_p (in^4/in):	241.33
c_x (in)	5
c_y (in)	5
Required combined strength (kip/in):	0.91
Weld Capacity (kip/in):	5.57
Weld Utilization:	**16.3%**

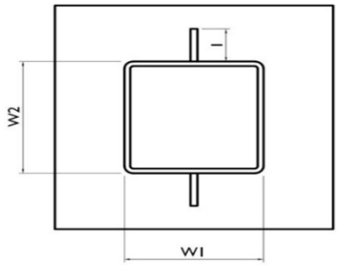


EXHIBIT 5

326 TRYON ROAD
RALEIGH, NC 27607
919.661.6351
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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:
302540

Site Name:
Madison CT 6

Location:
Madison, Connecticut

Tenants:
AT&T Mobility, Dish Wireless,
T-Mobile, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

October 17th, 2023

94025 P408687

Prepared By:

Adam Carlson MS, CBRE, CPI
Program Manager RF Design & Service
Tower Engineering Professionals

Approved By:

10/18/23

TOWER ENGINEERING PROFESSIONALS

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Non-Ionizing Electromagnetic Radiation (NIER) Study

302540 Madison CT 6
Madison, Connecticut

INTRODUCTION

Tower Engineering Professionals RF Design & Services Division (TEP-RF) of Raleigh, North Carolina, has been retained by American Tower, Inc. (ATC), of Woburn, Massachusetts to evaluate the RF emissions compared to the Maximum Permissible Exposure (MPE) limit for facilities at this location. This evaluation uses compliance standards as outlined in Federal Communications Commission (FCC) document OET-65.

SITE AND FACILITY CONSIDERATIONS

Site 302540 Madison CT 6 is located at 8 Old 79 Rd., in Madison, Connecticut at coordinates 41.28554985, -72.60135555. The support structure is 149' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), Dish Wireless (Dish), T-Mobile (T-Mobile), & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

Power densities were calculated based on FCC MPE limits for both General Population/Uncontrolled and Occupational/Controlled environments.

For the purpose of this study, a radius of 90' from the base of the tower with a height of 6' above ground level was used, beyond 90' the MPE levels become *di minimus*. This study utilized FCC recognized and accepted software programs using the maximum ERP levels for the antenna models provided by ATC. Diagrams depicting the predicted spatial average power density level at any specific location may be found in Appendix 3, MPE Limit Study. A discussion regarding the FCC limits may be found in Appendix 4, Information Pertaining to MPE Studies. Study methodology describing Non-ionizing Radiation Prediction Models used in this study may be found in Appendix 5, MPE Standards Methodology.

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All data used in this study was collected from one or more of the following sources:

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at Load List at 302540 Madison CT 6.RF NIER Study 10/05/23.
- FCC databases.
- Carrier standard configurations.
- Empirical data collected by TEP.

SITE MITIGATION & CONTROL

In order to comply with FCC, tenant, & ATC requirements, TEP recommends the placement of signage at the base of the tower and all compound access points to alert workers of potential exposure to RF fields while working on or near the antennae.

TEP recommends that all personnel working on this tower be trained in RF safety procedures and carry a personal RF monitor at all times.

COMPLIANCE DETERMINATION

This installation ***IS*** in compliance with current FCC MPE limits as described in FCC OET-65.

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APPENDIX 1 Site Photos

Aerial View of Site

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Appendix 2.1 Antenna Inventory

302540 Madison CT 6							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	Verizon	Samsung	MT6407	3700/3800/3900	028	18286	141.3
2	Verizon	Samsung	MT6407	3700/3800/3900	156	18286	141.3
3	Verizon	Samsung	MT6407	3700/3800/3900	262	18286	141.3
4	Verizon	Andrew	LNX-8513DS-A1M	800	030	18970	140.0
5	Verizon	Andrew	LNX-8513DS-A1M	800	150	18970	140.0
6	Verizon	Commscope	LNX-6514DS-A1M	800	270	18970	140.0
7	Verizon	Commscope	JAHH-45B-R3B	700/800/1900/2100	030	32167	140.0
8	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	280	32167	140.0
9	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	280	32167	140.0
10	Verizon	Commscope	JAHH-45B-R3B	700/800/1900/2100	030	32167	140.0
11	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	280	32167	140.0
12	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	280	32167	140.0
13	AT&T	Ericsson	Air 6449	3700-3900	040	71639	134.0
14	AT&T	Ericsson	Air 6449	3700-3900	160	71639	134.0
15	AT&T	Ericsson	Air 6449	3700-3900	280	71639	134.0
16	AT&T	Scala	80010964	800/1900	023	33222	132.0
17	AT&T	Scala	80010964	800/1900	143	33222	132.0
18	AT&T	Scala	80010964	800/1900	263	33222	132.0

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Appendix 2.2 Antenna Inventory

88011 East Killingly North							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
19	AT&T	CCI	DMP65R-BU8D	700/800/2100	040	18373	132.0
20	AT&T	CCI	DMP65R-BU8D	700/800/2100	160	18373	132.0
21	AT&T	CCI	DMP65R-BU8D	700/800/2100	280	18373	132.0
22	AT&T	Ericsson	Air 6419	3700-3900	040	71639	130.0
23	AT&T	Ericsson	Air 6419	3700-3900	160	71639	130.0
24	AT&T	Ericsson	Air 6419	3700-3900	280	71639	130.0
25	T-Mobile	Ericsson	Air 6419	2500/2600	020	24400	121.0
26	T-Mobile	Ericsson	Air 6419	2500/2600	110	24400	121.0
27	T-Mobile	Ericsson	Air 6419	2500/2600	290	24400	121.0
28	T-Mobile	Ericsson	Air 6419	2500/2600	200	24400	121.0
29	T-Mobile	RFS	APXVAALL24	600/1900/2100	020	23200	120.0
30	T-Mobile	RFS	APXVAALL24	600/1900/2100	110	23200	120.0
31	T-Mobile	RFS	APXVAALL24	600/1900/2100	290	23200	120.0
32	T-Mobile	RFS	APXVAALL24	600/1900/2100	200	23200	120.0
33	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	48332	110.0
34	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	48332	110.0
35	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	48332	110.0

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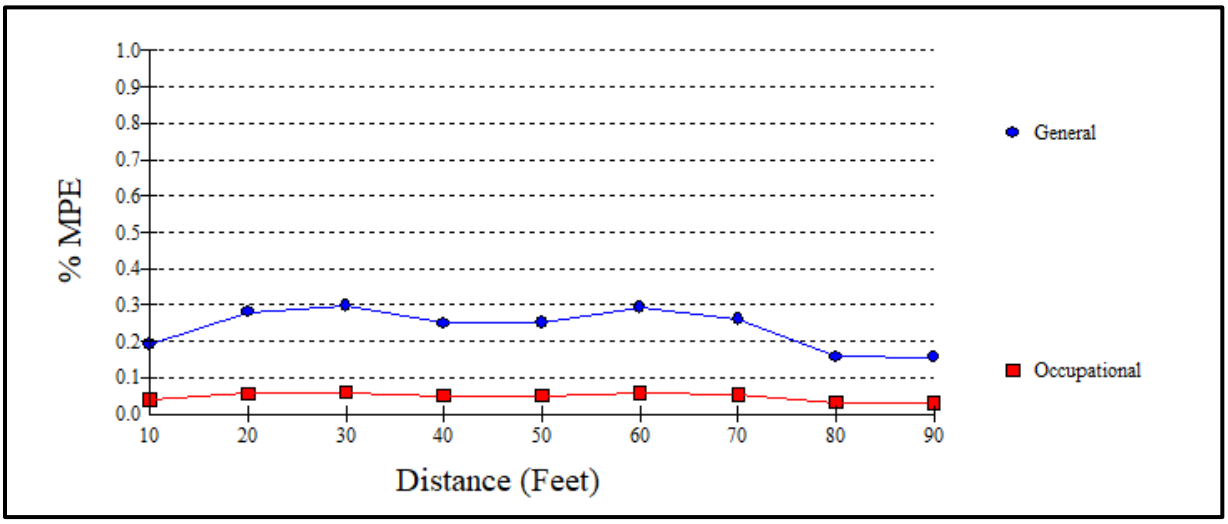
Appendix 3.1 MPE Limit Study



Maximum Power Density (@30'):	0.0019 mW/cm²
General Population MPE (@30'):	0.2988%
Occupational MPE (@30'):	0.0598%

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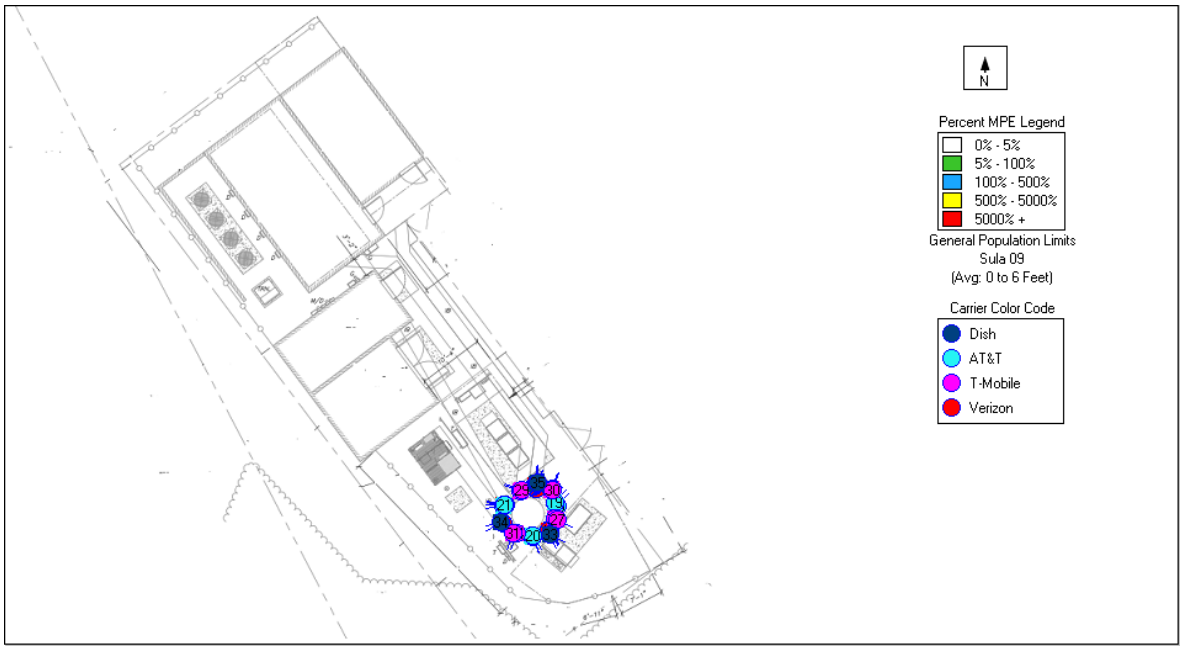
Appendix 3.2 MPE Limit Study



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Appendix 4 Information Pertaining to MPE Studies

In 1985, the FCC first adopted guidelines to be used for evaluating human exposure to RF emissions. The FCC revised and updated these guidelines on August 1, 1996, as a result of a rule-making proceeding initiated in 1993. The new guidelines incorporate limits for Maximum Permissible Exposure (MPE) in terms of electric and magnetic field strength and power density for transmitters operating at frequencies between 300 kHz and 100 GHz.

The FCC's MPE limits are based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP), and, over a wide range of frequencies, the exposure limits were developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC's limits, and the NCRP and ANSI/IEEE limits on which they are based, are derived from exposure criteria quantified in terms of specific absorption rate (SAR). The basis for these limits is a whole-body averaged SAR threshold level of 4 watts per kilogram (4 W/kg), as averaged over the entire mass of the body, above which expert organizations have determined that potentially hazardous exposures may occur. The MPE limits are derived by incorporating safety factors that lead, in some cases, to limits that are more conservative than the limits originally adopted by the FCC in 1985. Where more conservative limits exist, they do not arise from a fundamental change in the RF safety criteria for whole-body averaged SAR, but from a precautionary desire to protect subgroups of the general population who, potentially, may be more at risk.

The FCC exposure limits are also based on data showing that the human body absorbs RF energy at some frequencies more efficiently than at others. The most restrictive limits occur in the frequency range of 30-300 MHz where whole-body absorption of RF energy by human beings is most efficient. At other frequencies, whole-body absorption is less efficient, and consequently, the MPE limits are less restrictive.

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MPE limits are defined in terms of power density (units of milliwatts per centimeter squared: mW/cm^2), electric field strength (units of volts per meter: V/m) and magnetic field strength (units of amperes per meter: A/m). The far-field of a transmitting antenna is where the electric field vector (E), the magnetic field vector (H), and the direction of propagation can be considered to be all mutually orthogonal ("plane-wave" conditions).

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area. Additional details can be found in FCC OET 65.

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Appendix 5 MPE Standards Methodology

This study predicts RF field strength and power density levels that emanate from communications system antennae. It considers all transmitter power levels (less filter and line losses) delivered to each active transmitting antenna at the communications site. Calculations are performed to determine power density and MPE levels for each antenna as well as composite levels from all antennas. The calculated levels are based on where a human (Observer) would be standing at various locations at the site. The point of interest where the MPE level is predicted is based on the height of the Observer.

Compliance with the FCC limits on RF emissions are determined by spatially averaging a person's exposure over the projected area of an adult human body, that is approximately six-feet or two-meters, as defined in the ANSI/IEEE C95.1 standard. The MPE limits are specified as time-averaged exposure limits. This means that exposure is averaged over an identifiable time interval. It is 30 minutes for the general population/uncontrolled RF environment and 6 minutes for the occupational/controlled RF environment. However, in the case of the general public, time averaging should not be applied because the general public is typically not aware of RF exposure, and they do not have control of their exposure time. Therefore, it should be assumed that any RF exposure to the general public will be continuous.

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The FCC's limits for exposure at different frequencies are shown in the following Tables.

Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 3.0	614	1.63	100*	6
3.0 - 30	1842/f	4.89/f	$900/F^2$	6
30 - 300	61.4	0.163	1.0	6
300 - 1500	--	--	f/300	6
1500 - 100,000	--	--	5	6

f = frequency

* = Plane-wave equivalent power density

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Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 1.34	614	1.63	100*	30
1.34 - 30	824/f	2.19/f	$180/F^2$	30
30 -300	27.5	0.073	0.2	30
300 -1500	--	--	f/1500	30
1500 -100,000	--	--	1.0	30

f = frequency

* = Plane-wave equivalent power density

General population/uncontrolled exposures apply in situations in which the general public may be exposed or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

It is important to understand that these limits apply cumulatively to all sources of RF emissions affecting a given area. For example, if several different communications system antennas occupy a shared facility such as a tower or rooftop, then the total exposure from all systems at the facility must be within compliance of the FCC guidelines.

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The field strength emanating from an antenna can be estimated based on the characteristics of an antenna radiating in free space. There are basically two field areas associated with a radiating antenna. When close to the antenna, the region is known as the Near Field. Within this region, the characteristics of the RF fields are very complex, and the wave front is extremely curved. As you move further from the antenna, the wave front has less curvature and becomes planar. The wave front still has a curvature, but it appears to occupy a flat plane in space (plane-wave radiation). This region is known as the Far Field.

Two models are utilized to predict Near and Far field power densities. They are based on the formulae in FCC OET 65.

Cylindrical Model (Near Field Predictions)

Spatially averaged plane-wave equivalent power densities parallel to the antenna may be estimated by dividing the antenna input power by the surface area of an imaginary cylinder surrounding the length of the radiating antenna. While the actual power density will vary along the height of the antenna, the average value along its length will closely follow the relation given by the following equation:

$$S = P \div 2\pi RL$$

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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For directional-type antennas, power densities can be estimated by dividing the input power by that portion of a cylindrical surface area corresponding to the angular beam width of the antenna. For example, for the case of a 120-degree azimuthal beam width, the surface area should correspond to 1/3 that of a full cylinder. This would increase the power density near the antenna by a factor of three over that for a purely omni-directional antenna. Mathematically, this can be represented by the following formula:

$$S = (180 / \theta_{BW}) P \div \pi RL$$

Where:

S = Power Density

θ_{BW} = Beam width of antenna in degrees (3 dB half-power point)

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

If the antenna is a 360-degree omni-directional antenna, this formula would be equivalent to the previous formula.

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Spherical Model (Far Field Predictions)

Spatially averaged plane-wave power densities in the Far Field of an antenna may be estimated by considering the additional factors of antenna gain and reflective waves that would contribute to exposure.

The radiation pattern of an antenna has developed in the Far Field region and the power gain needs to be considered in exposure predictions. Also, if the vertical radiation pattern of the antenna is considered, the exposure predictions would most likely be reduced significantly at ground level, resulting in a more realistic estimate of the actual exposure levels.

Additionally, to model a truly "worst case" prediction of exposure levels at or near a surface, such as at ground-level or on a rooftop, reflection off the surface of antenna radiation power can be assumed, resulting in a potential four-fold increase in power density.

These additional factors are considered, and the Far Field prediction model is determined by the following equation:

$$S = EIRP \times Rc \div 4\pi R^2$$

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

The EIRP includes the antenna gain. If the antenna pattern is considered, the antenna gain is relative based on the horizontal and vertical pattern gain values at that particular location in space, on a rooftop or on the ground. However, it is recommended that the antenna radiation pattern characteristics not be considered to provide a conservative "worst case" prediction. This is the equation is utilized for the Far Field exposure predictions herein.

EXHIBIT 6

750 West Center Street
West Bridgewater, MA
dmaheux@clinellc.com
508.649.2307

November 1, 2023

Melanie A. Bachman
Acting Executive Director
Connecticut Sitting Council
10 Franklin Square
New Britain, CT 06051

Re: Original Approval – Verizon Wireless Site MADISON 2 CT
Verizon Wireless Telecommunications Facility @ 8 Old Route 77, Madison, CT

Dear Ms. Bachman

I reached out to the Town Planner, Erin Mannix on 11/3/23 to see if the town had a copy of the original tower approval for this location and did not receive a response back. I did include an email from 2022 about the same location stating that town of Madison was unable to locate the original approval for this existing tower.

Best Regards,

Derek Maheux
Program Manager – Agent for Verizon Wireless
Centerline Communications LLC
750 West Center St. Ste 301
West Bridgewater, MA 02379
508-649-2307
dmaheux@clinellc.com

From: Mannix, Erin
To: John Coleman; DeLaura, John; Pettola, Maria
Subject: RE: CSC FILING REQUIREMENTS / 8 OLD ROUTE 79, MADISON , CT
Date: Monday, January 3, 2022 1:58:47 PM

Good afternoon, John,

The historic records for this parcel indicate building permits in 1995 for a communication tower on the property. Numerous modifications were approved since this then. I am unable to locate the original approval for this tower at this time. A detailed search of the land use records would be required to do so. Our office is open to the public Monday through Wednesday 8:30am-4:30pm; Thursday 8:30am-6:30pm; and Friday 8:30am-12pm.

Best,

Erin Mannix, CZEO
Town Planner
Town of Madison
8 Campus Drive
Madison, CT 06443
(203)245-5633

From: John Coleman <jcoleman@clinellc.com>
Sent: Monday, January 3, 2022 1:38 PM
To: DeLaura, John <delauraj@madisonct.org>; Pettola, Maria <pettolam@madisonct.org>; Mannix, Erin <mannixe@madisonct.org>
Subject: RE: CSC FILING REQUIREMENTS / 8 OLD ROUTE 79, MADISON , CT

Good Morning.

I just wanted to quickly follow up with you all this morning after the new year to see if I might be able to obtain the requested information or a response to let the CSC know the information is not available. I have a 1/10/22 deadline to refile this correction with the CSC. If you have any questions or need further information, please let me know.

Thank you,

John

John Coleman | Project Manager
750 W Center St, Suite 301 | West Bridgewater, MA 02379
Mobile: 240.615.7389
jcoleman@clinellc.com |
https://link.edgepilot.com/s/fd908f34/K7yYcUnhZ0KSUaQTFn5R4Q?u=http://www.centerlinecommunications.com/

From: John Coleman
Sent: Thursday, December 9, 2021 3:04 PM
To: delauraj@madisonct.org; pettolam@madisonct.org; mannixe@madisonct.org
Subject: CSC FILING REQUIREMENTS / 8 OLD ROUTE 79, MADISON , CT

Madison Planning and Zoning Depart,

Centerline Communications working on behalf of Verizon Wireless has filed with the CSC to obtain their approval on a modification to an existing site located at 8 Old Route 79 in Madison, CT. You have already received a copy of this submission but I have attached a copy of the drawings for reference. As part of this filing the CSC now requires that we submit a copy of the original tower approval. I have accessed the CSC website and the original tower approval filing for this site is not available.

Per CSC requirements for filing I need to either obtain a copy of the original tower approval from your department or obtain a reply to this e-mail that the City of Andover no longer has a copy of this approval.

I would greatly appreciate a copy of the original approval if you have one or a response to this e-mail so that we can submit this correction. A copy of this filing is being printed today and will be sent out to you within the next week once I have received the original approval or a response and will be sent via UPS 2nd day delivery. If you have any questions, please feel free to reach out to me at any time.

Thank you and have a nice day.

John

John Coleman | Project Manager
750 W Center St, Suite 301 | West Bridgewater, MA 02379
Mobile: 240.615.7389
jcoleman@clinellc.com |
https://link.edgepilot.com/s/fd908f34/K7yYcUnhZ0KSUaQTFn5R4Q?u=http://www.centerlinecommunications.com/

EXHIBIT 7

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030300295991
Date: Tuesday, October 31, 2023 11:07:29 AM

Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023
Delivery Time: 11:06 AM
Left At: DOCK
Signed by: WEBSTER

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030300295991
Ship To:	AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 018011053 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519448

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Read Compass Online

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030326751369
Date: Tuesday, October 31, 2023 3:58:31 PM

Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023
Delivery Time: 3:57 PM
Signed by: BARTSOIC

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030326751369
Ship To:	PEGGY LYONS 8 CAMPUS DRIVE MADISON, CT 064432562 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519448

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Read Compass Online

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030323538971
Date: Tuesday, October 31, 2023 3:58:32 PM

Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023
Delivery Time: 3:57 PM
Signed by: BARTSOIC

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030323538971
Ship To:	ERIN MANNIX 8 CAMPUS DRIVE MADISON, CT 064432562 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519448

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